

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090825\  
 Data File : BG064301.D  
 Acq On : 8 Sep 2025 10:26  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 08 13:45:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.847  | 152  | 22540    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.638 | 136  | 98292    | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.475 | 164  | 71497    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.213 | 188  | 172801   | 20.000 | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.449 | 240  | 186770   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.451 | 264  | 203030   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.438  | 112  | 101082   | 80.457 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.019  | 99   | 141912   | 82.220 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.005  | 82   | 156549   | 88.825 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.967 | 330  | 94697    | 99.996 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.100 | 172  | 398483   | 85.070 | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.833 | 244  | 777189   | 86.817 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.352  | 88   | 21100    | 40.293 | ng    | 85       |
| 3) Pyridine                   | 3.740  | 79   | 58567    | 37.995 | ng    | # 56     |
| 4) n-Nitrosodimethylamine     | 3.664  | 42   | 41076    | 40.287 | ng    | # 93     |
| 6) Aniline                    | 7.177  | 93   | 94269    | 39.495 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.412  | 128  | 61227    | 39.881 | ng    | 97       |
| 9) Benzaldehyde               | 6.989  | 77   | 51454    | 36.225 | ng    | 92       |
| 10) Phenol                    | 7.048  | 94   | 78186    | 41.087 | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.277  | 93   | 54514    | 38.123 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.741  | 146  | 66361    | 40.631 | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 7.882  | 146  | 68483    | 41.547 | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 8.200  | 146  | 65847    | 41.391 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.082  | 79   | 64161    | 40.282 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.370  | 45   | 103842   | 31.807 | ng    | 98       |
| 17) 2-Methylphenol            | 8.294  | 107  | 53796    | 37.932 | ng    | 90       |
| 18) Hexachloroethane          | 8.928  | 117  | 25870    | 40.207 | ng    | 82       |
| 19) n-Nitroso-di-n-propyla... | 8.652  | 70   | 50036    | 37.878 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.617  | 107  | 75295    | 38.208 | ng    | 95       |
| 22) Acetophenone              | 8.664  | 105  | 103861   | 41.767 | ng    | 100      |
| 24) Nitrobenzene              | 9.046  | 77   | 78494    | 42.627 | ng    | 98       |
| 25) Isophorone                | 9.569  | 82   | 145972   | 39.851 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.751  | 139  | 35377    | 44.462 | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 9.815  | 122  | 60361    | 43.209 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.050 | 93   | 78693    | 39.843 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.285 | 162  | 66004    | 44.780 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.503 | 180  | 70997    | 45.683 | ng    | 99       |
| 31) Naphthalene               | 10.685 | 128  | 213153   | 41.820 | ng    | 98       |
| 32) Benzoic acid              | 9.956  | 122  | 46051    | 41.529 | ng    | # 81     |
| 33) 4-Chloroaniline           | 10.791 | 127  | 82558    | 41.791 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.979 | 225  | 55494    | 48.306 | ng    | # 84     |
| 35) Caprolactam               | 11.566 | 113  | 23844    | 41.778 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.925 | 107  | 81800    | 42.774 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.295 | 142  | 160133   | 42.267 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.518 | 142  | 156779   | 41.896 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.665 | 216  | 93951    | 45.543 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.653 | 237  | 50334    | 51.338 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.906 | 196  | 61406    | 44.535 | ng    | 95       |

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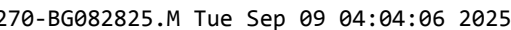
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

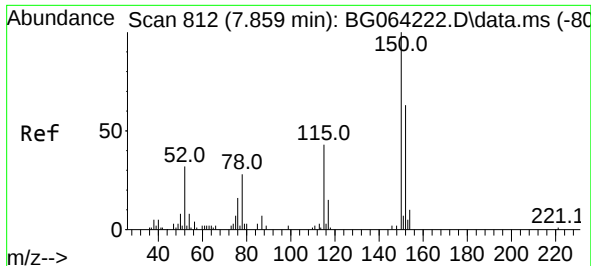
Quant Time: Sep 08 13:45:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.976 | 196  | 67791    | 45.324 | ng    | # 94     |
| 46) 1,1'-Biphenyl              | 13.311 | 154  | 219271   | 42.107 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.352 | 162  | 164384   | 41.989 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.552 | 65   | 60376    | 45.247 | ng    | 91       |
| 49) Acenaphthylene             | 14.198 | 152  | 243871   | 42.140 | ng    | 99       |
| 50) Dimethylphthalate          | 13.934 | 163  | 226710   | 41.892 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.052 | 165  | 48889    | 46.664 | ng    | # 91     |
| 52) Acenaphthene               | 14.539 | 154  | 174171   | 42.647 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.375 | 138  | 46574    | 42.439 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.586 | 184  | 30037    | 46.433 | ng    | 94       |
| 55) Dibenzofuran               | 14.874 | 168  | 271141   | 42.208 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.686 | 139  | 39579    | 43.966 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.839 | 165  | 72255    | 45.613 | ng    | # 96     |
| 58) Fluorene                   | 15.520 | 166  | 227991   | 43.302 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.103 | 232  | 67415    | 46.862 | ng    | 96       |
| 60) Diethylphthalate           | 15.303 | 149  | 250465   | 43.245 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.520 | 204  | 118167   | 45.014 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.538 | 138  | 52964    | 47.296 | ng    | 96       |
| 63) Azobenzene                 | 15.808 | 77   | 208082   | 40.310 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph...  | 15.603 | 198  | 49405    | 49.798 | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 15.732 | 169  | 200170   | 42.109 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.413 | 248  | 83205    | 45.334 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.525 | 284  | 92205    | 45.240 | ng    | 95       |
| 69) Atrazine                   | 16.684 | 200  | 89055    | 44.868 | ng    | 96       |
| 70) Pentachlorophenol          | 16.872 | 266  | 58820    | 47.596 | ng    | 92       |
| 71) Phenanthrene               | 17.260 | 178  | 385836   | 42.334 | ng    | 99       |
| 72) Anthracene                 | 17.348 | 178  | 389030   | 41.962 | ng    | 97       |
| 73) Carbazole                  | 17.618 | 167  | 348219   | 42.636 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.188 | 149  | 426320   | 43.448 | ng    | 99       |
| 75) Fluoranthene               | 19.269 | 202  | 472756   | 44.115 | ng    | 98       |
| 77) Benzidine                  | 19.451 | 184  | 153435   | 39.052 | ng    | 99       |
| 78) Pyrene                     | 19.633 | 202  | 493292   | 41.922 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.526 | 149  | 188582   | 42.492 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.431 | 228  | 497969   | 41.675 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.349 | 252  | 167236   | 42.975 | ng    | 99       |
| 83) Chrysene                   | 21.490 | 228  | 476070   | 41.501 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.355 | 149  | 275515   | 41.349 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.495 | 149  | 477376   | 41.118 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene     | 27.841 | 276  | 599839   | 43.262 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 23.511 | 252  | 503622   | 43.951 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.570 | 252  | 490292   | 41.999 | ng    | # 96     |
| 90) Benzo(a)pyrene             | 24.316 | 252  | 456567   | 42.833 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 27.900 | 278  | 483369   | 43.420 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 28.899 | 276  | 466532   | 43.068 | ng    | 96       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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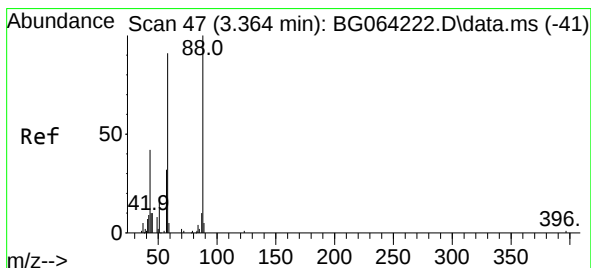
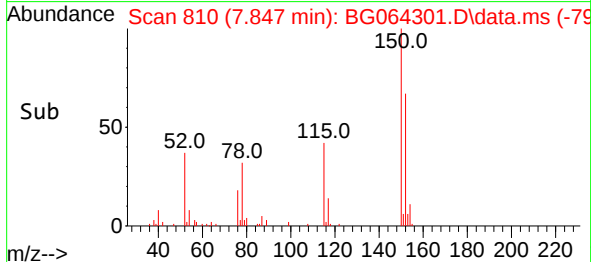
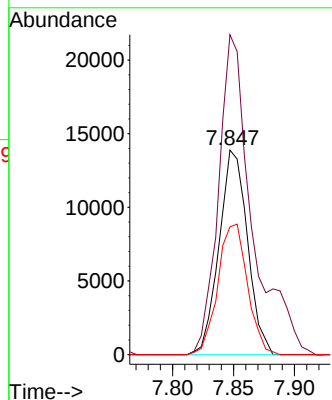
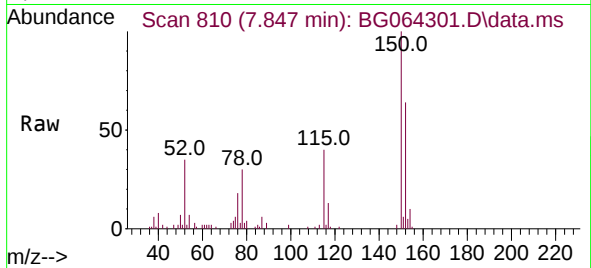




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.847 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

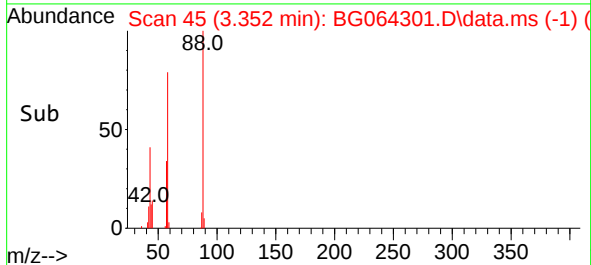
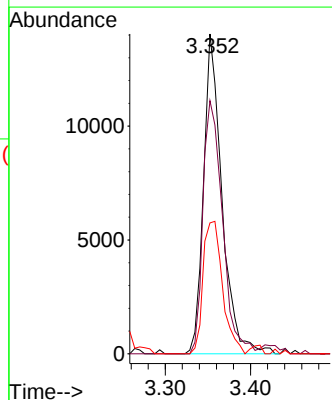
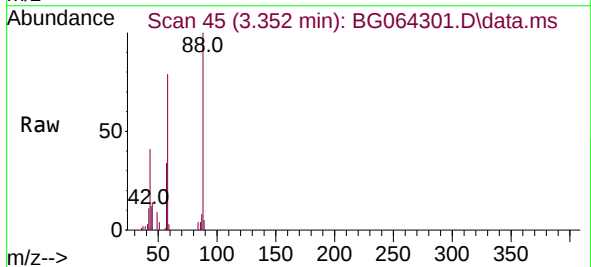
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

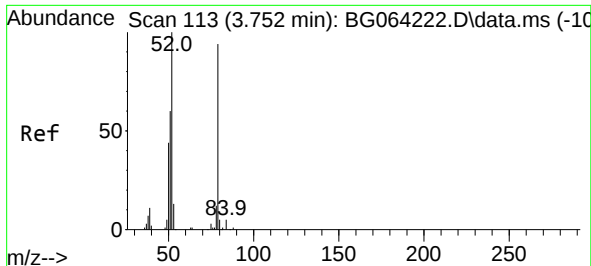
Tgt Ion:152 Resp: 22540  
Ion Ratio Lower Upper  
152 100  
150 156.4 128.0 192.0  
115 62.4 55.7 83.5



#2  
1,4-Dioxane  
Concen: 40.293 ng  
RT: 3.352 min Scan# 45  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 88 Resp: 21100  
Ion Ratio Lower Upper  
88 100  
58 83.8 80.8 121.2  
43 43.7 40.3 60.5

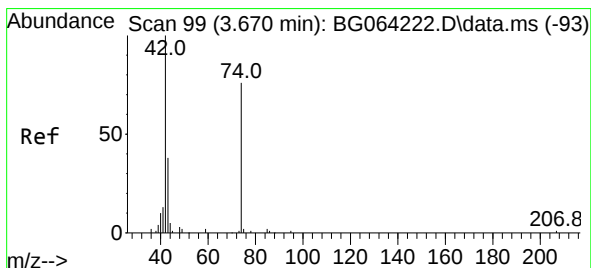
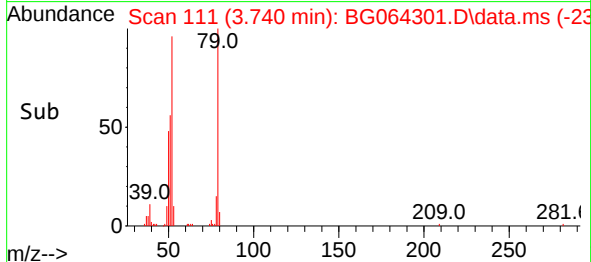
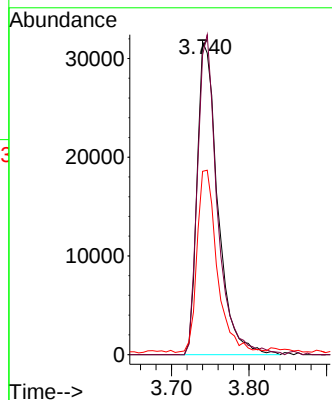
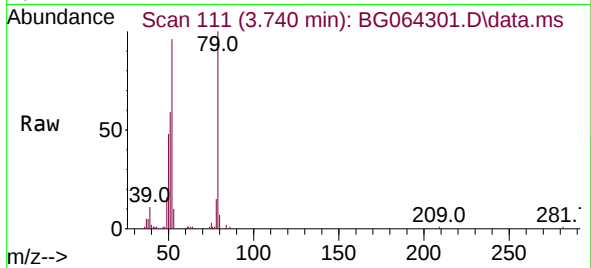




#3  
 Pyridine  
 Concen: 37.995 ng  
 RT: 3.740 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

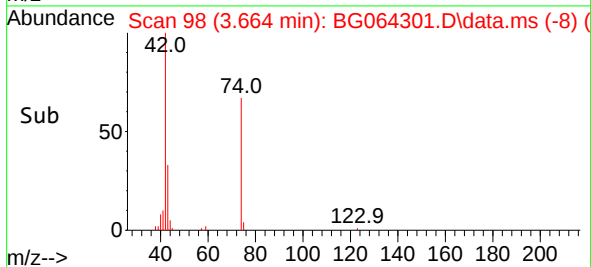
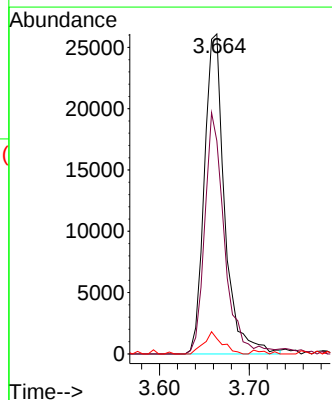
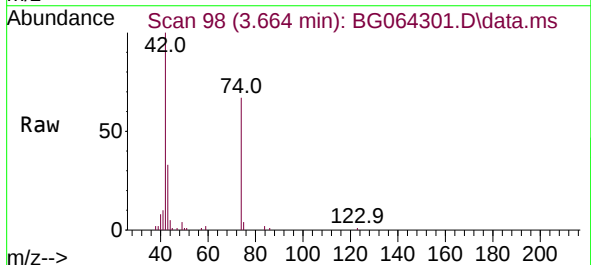
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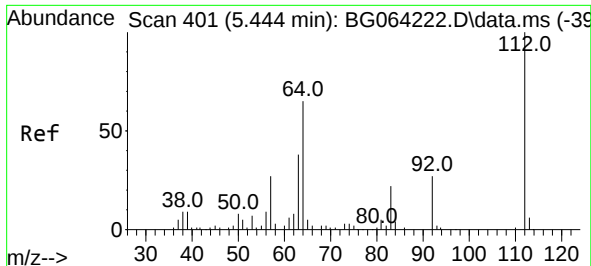
Tgt Ion: 79 Resp: 58567  
 Ion Ratio Lower Upper  
 79 100  
 52 95.8 86.6 129.8  
 51 58.6 114.1 171.1#



#4  
 n-Nitrosodimethylamine  
 Concen: 40.287 ng  
 RT: 3.664 min Scan# 98  
 Delta R.T. -0.000 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

Tgt Ion: 42 Resp: 41076  
 Ion Ratio Lower Upper  
 42 100  
 74 66.6 58.0 87.0  
 44 4.8 5.5 8.3#

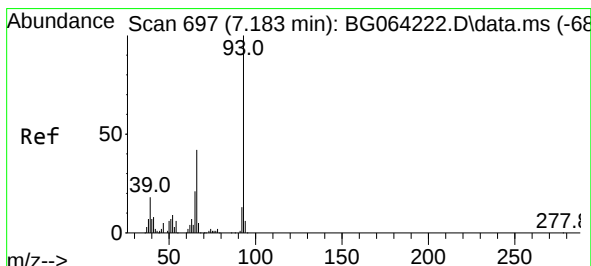
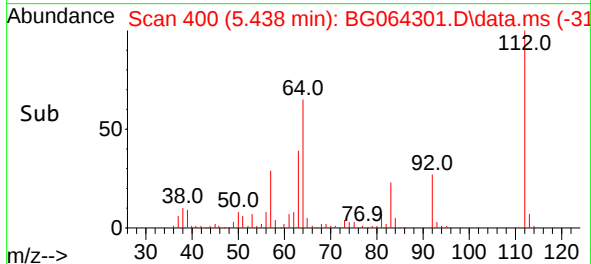
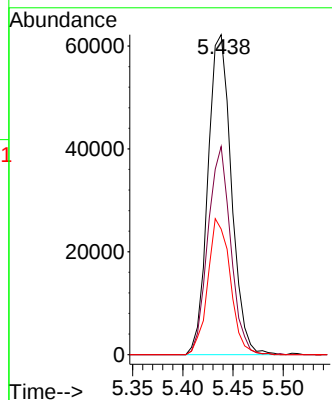
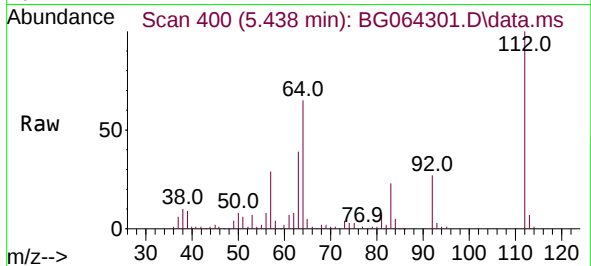




#5  
2-Fluorophenol  
Concen: 80.457 ng  
RT: 5.438 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

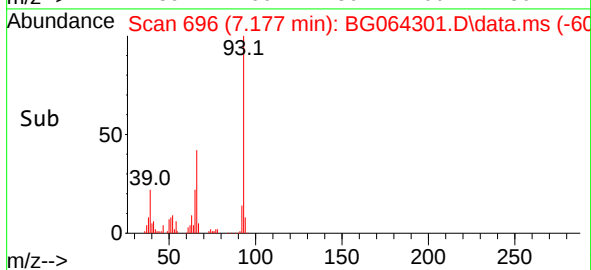
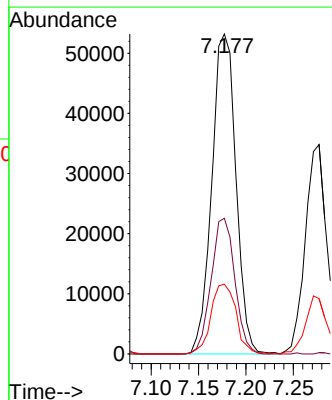
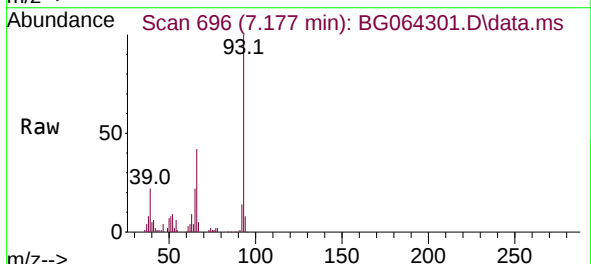
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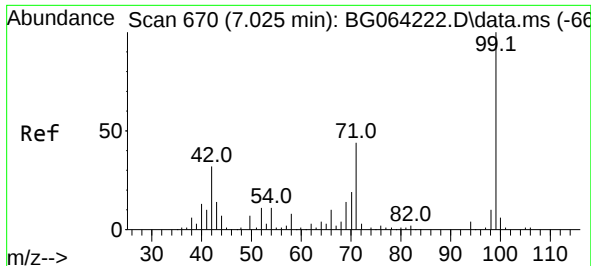
Tgt Ion:112 Resp: 101082  
Ion Ratio Lower Upper  
112 100  
64 65.0 51.8 77.6  
63 39.2 30.6 45.8



#6  
Aniline  
Concen: 39.495 ng  
RT: 7.177 min Scan# 696  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 93 Resp: 94269  
Ion Ratio Lower Upper  
93 100  
66 42.4 33.8 50.8  
65 21.8 16.9 25.3

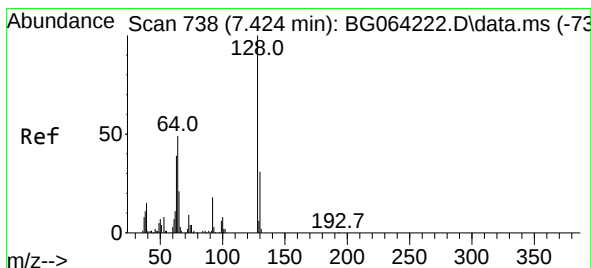
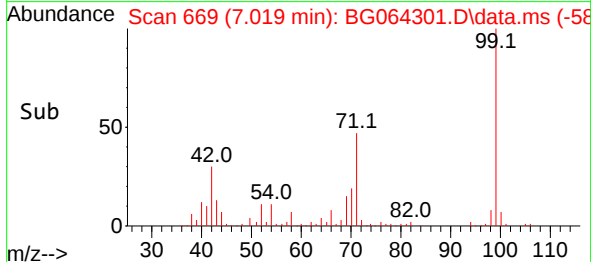
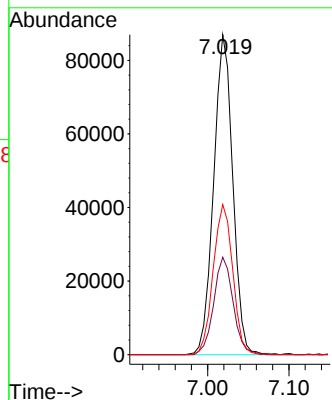
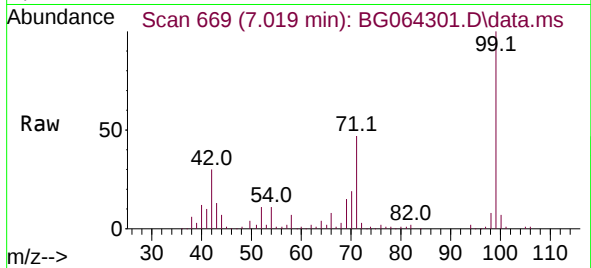




#7  
Phenol-d6  
Concen: 82.220 ng  
RT: 7.019 min Scan# 60  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

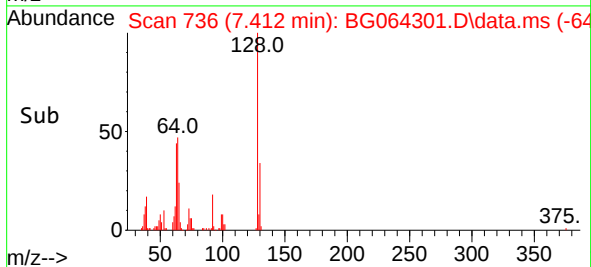
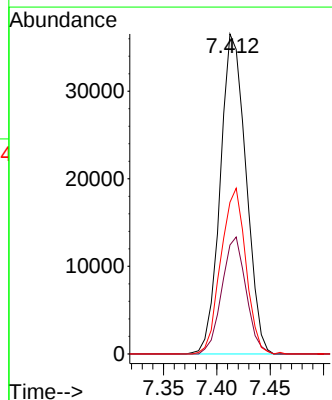
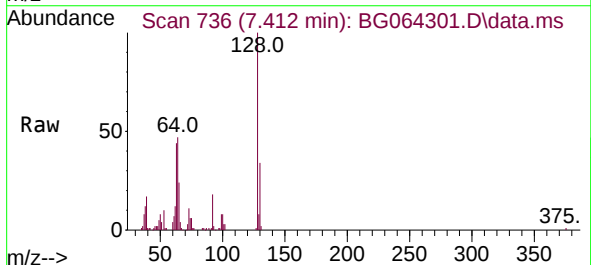
Instrument :  
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ClientSampleId :  
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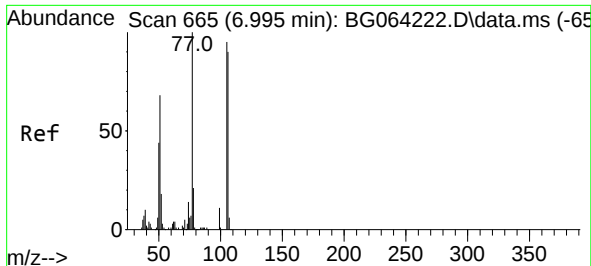
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Ion Ratio Lower Upper  
99 100  
42 30.4 25.8 38.8  
71 46.9 35.2 52.8



#8  
2-Chlorophenol  
Concen: 39.881 ng  
RT: 7.412 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 128 Resp: 61227  
Ion Ratio Lower Upper  
128 100  
130 34.0 10.9 50.9  
64 47.4 28.7 68.7

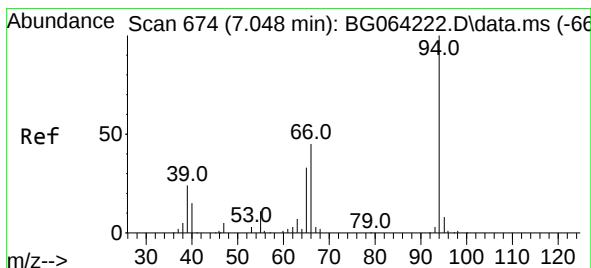
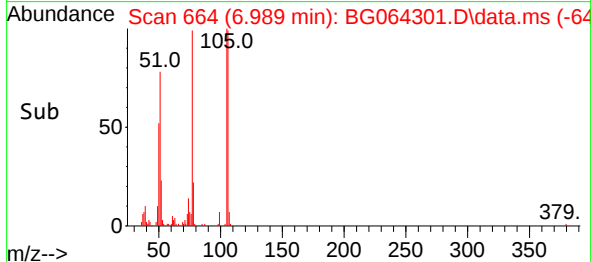
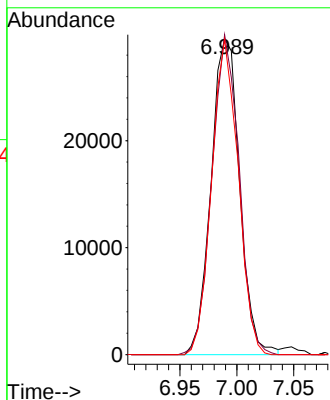
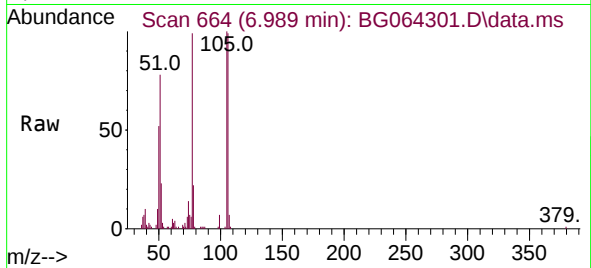




#9  
Benzaldehyde  
Concen: 36.225 ng  
RT: 6.989 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

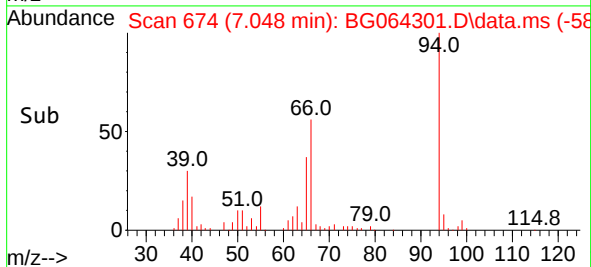
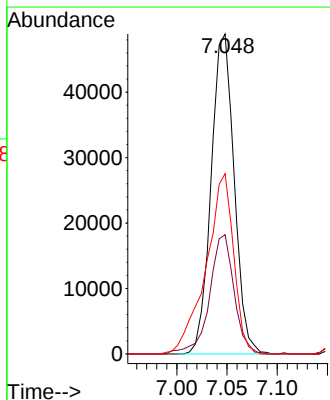
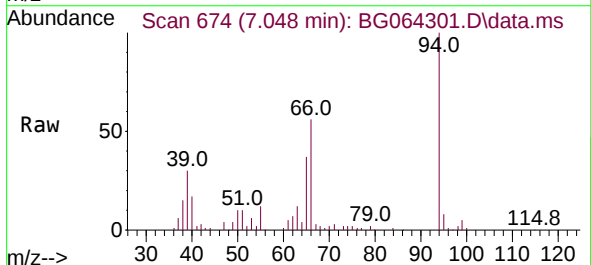
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

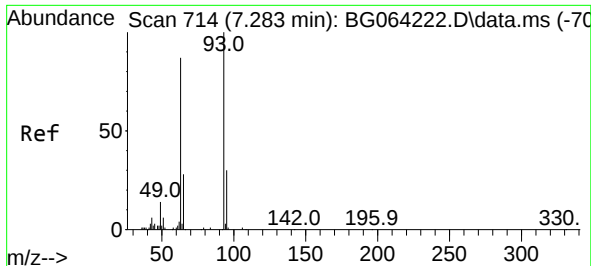
Tgt Ion: 77 Resp: 51454  
Ion Ratio Lower Upper  
77 100  
105 101.3 75.2 115.2  
106 99.8 69.6 109.6



#10  
Phenol  
Concen: 41.087 ng  
RT: 7.048 min Scan# 674  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 94 Resp: 78186  
Ion Ratio Lower Upper  
94 100  
65 37.3 13.5 53.5  
66 56.3 26.2 66.2

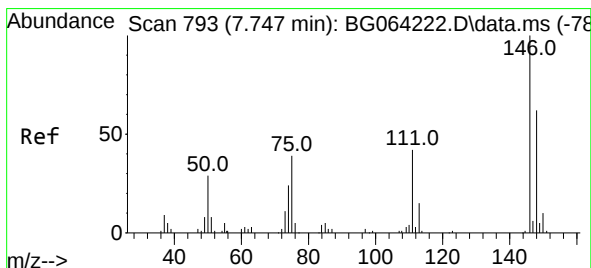
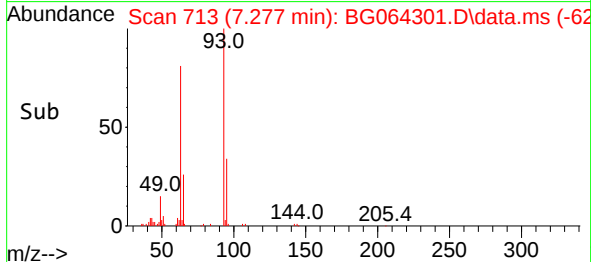
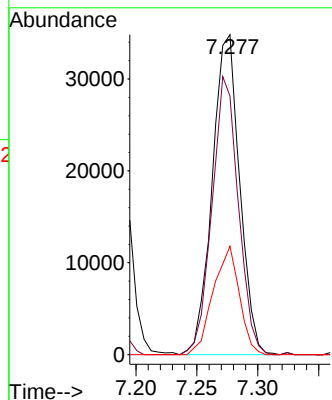
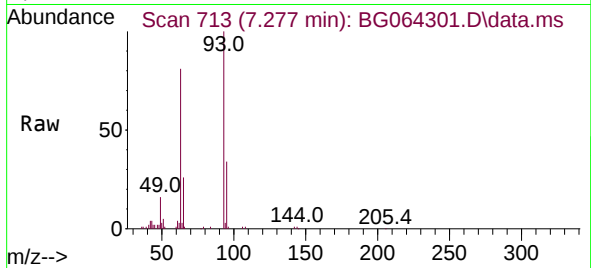




#11  
bis(2-Chloroethyl)ether  
Concen: 38.123 ng  
RT: 7.277 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

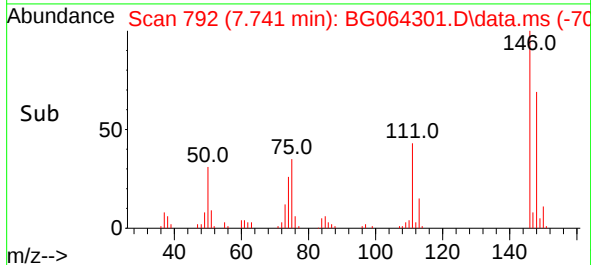
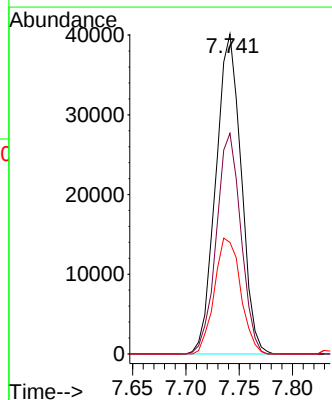
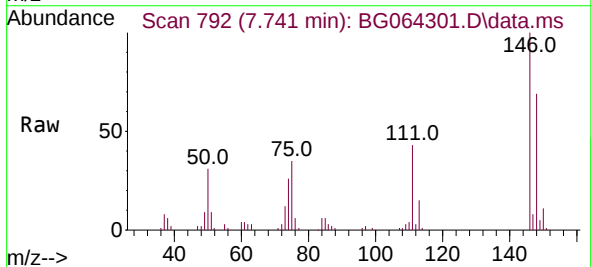
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

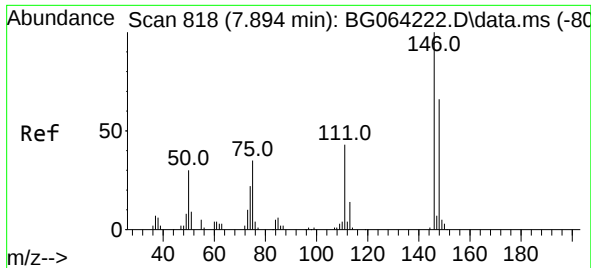
Tgt Ion: 93 Resp: 54514  
Ion Ratio Lower Upper  
93 100  
63 80.8 66.2 106.2  
95 33.9 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 40.631 ng  
RT: 7.741 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 146 Resp: 66361  
Ion Ratio Lower Upper  
146 100  
148 68.9 49.6 74.4  
75 34.8 31.0 46.6

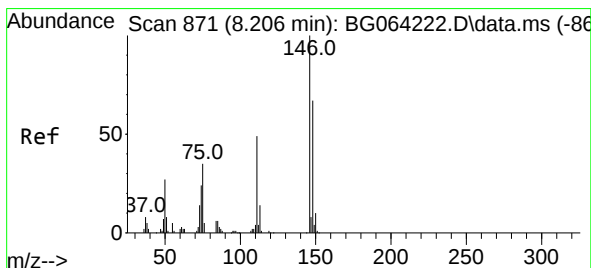
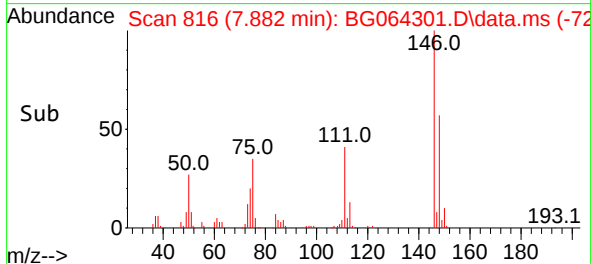
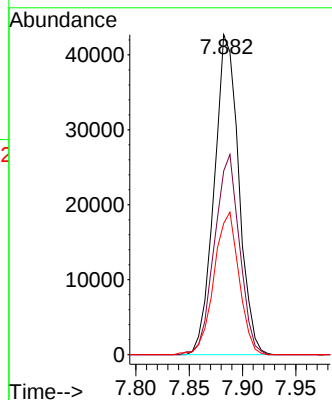
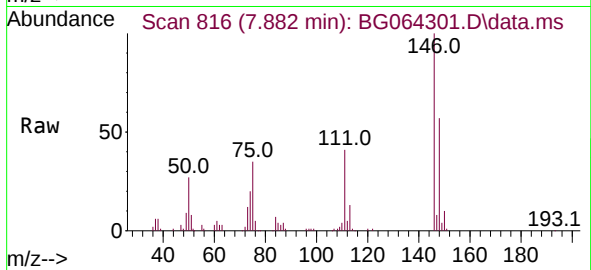




#13  
 1,4-Dichlorobenzene  
 Concen: 41.547 ng  
 RT: 7.882 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

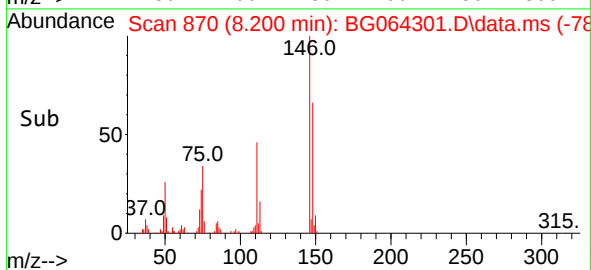
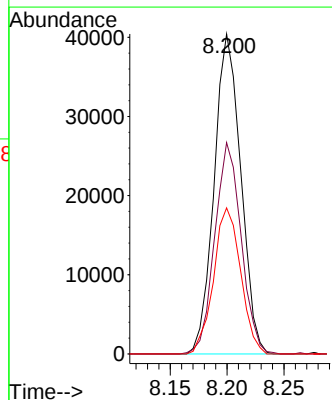
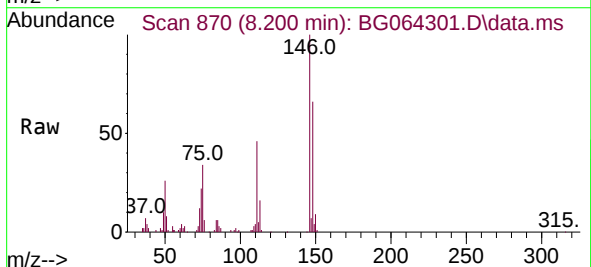
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

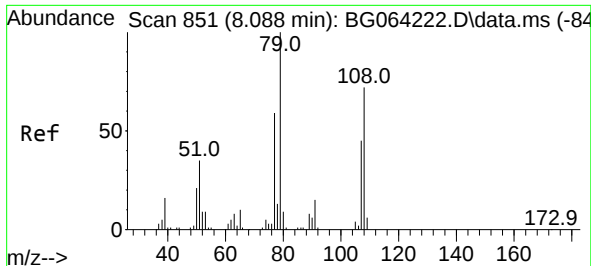
Tgt Ion:146 Resp: 68483  
 Ion Ratio Lower Upper  
 146 100  
 148 57.4 52.8 79.2  
 111 41.0 34.1 51.1



#14  
 1,2-Dichlorobenzene  
 Concen: 41.391 ng  
 RT: 8.200 min Scan# 870  
 Delta R.T. -0.012 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

Tgt Ion:146 Resp: 65847  
 Ion Ratio Lower Upper  
 146 100  
 148 66.0 53.4 80.0  
 111 45.6 39.1 58.7

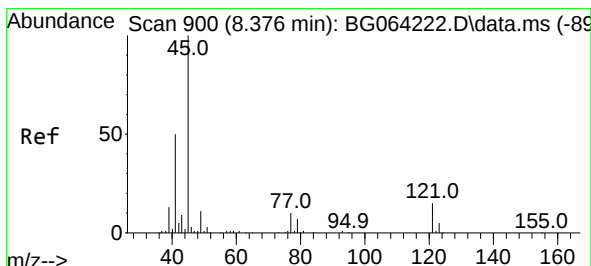
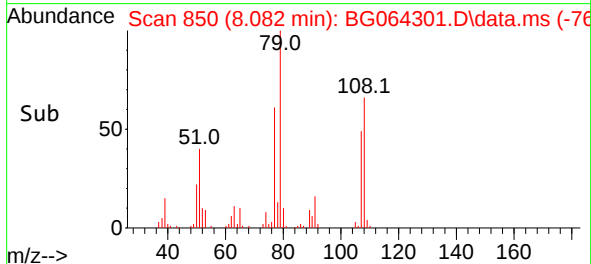
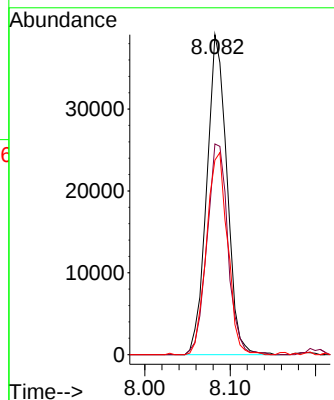
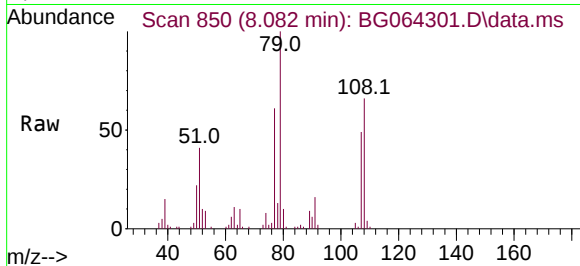




#15  
Benzyl Alcohol  
Concen: 40.282 ng  
RT: 8.082 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

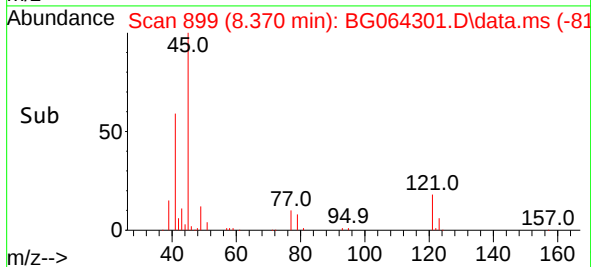
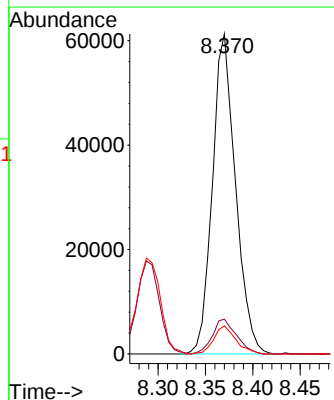
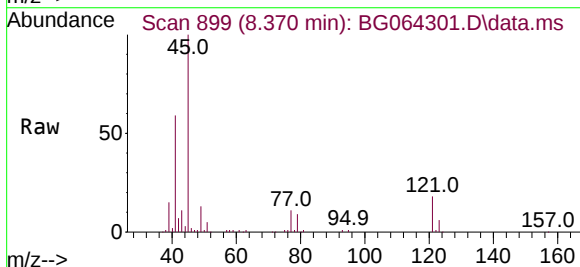
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

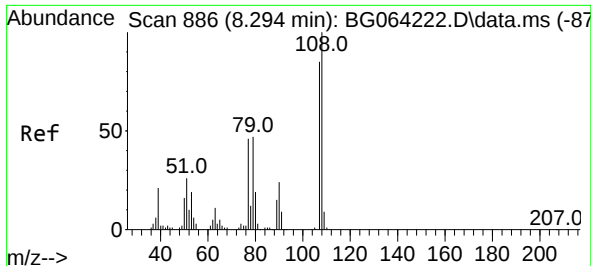
Tgt Ion: 79 Resp: 64161  
Ion Ratio Lower Upper  
79 100  
108 65.8 57.4 86.0  
77 60.8 47.2 70.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.807 ng  
RT: 8.370 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 45 Resp: 103842  
Ion Ratio Lower Upper  
45 100  
77 10.9 0.0 30.0  
79 8.8 0.0 27.9

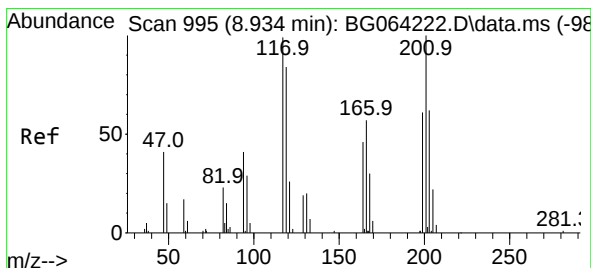
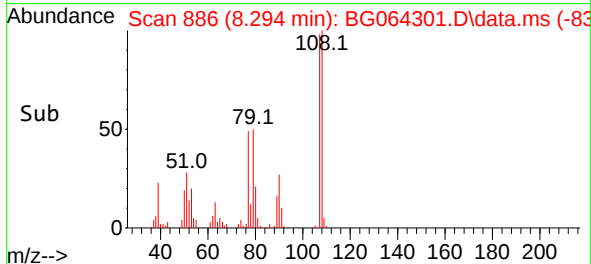
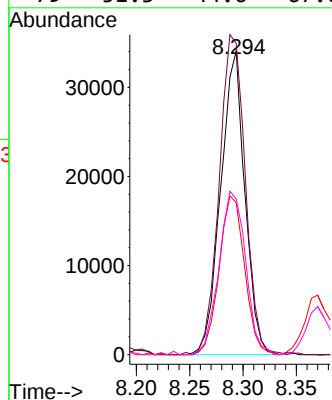
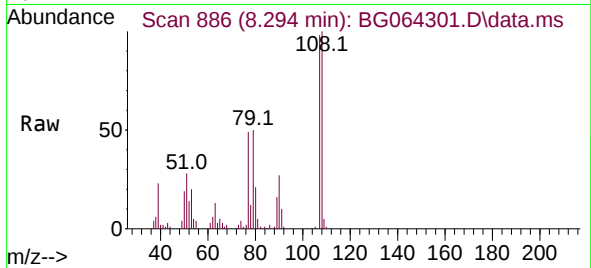




#17  
2-Methylphenol  
Concen: 37.932 ng  
RT: 8.294 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

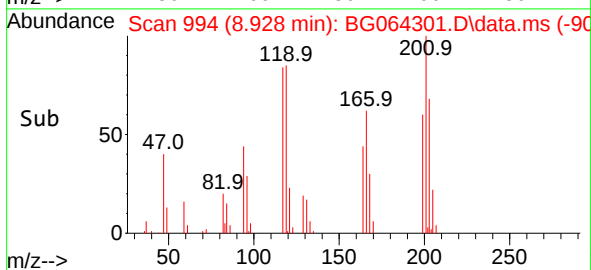
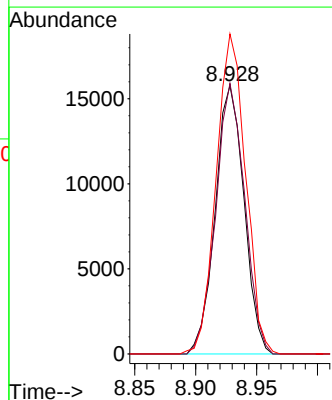
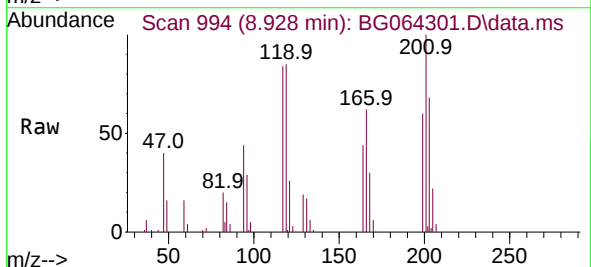
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

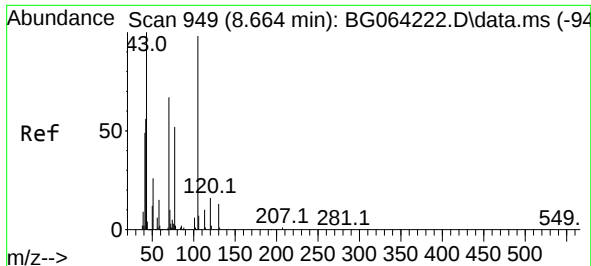
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 53796 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 102.6 | 94.6  | 141.8 |
| 77        | 50.1  | 43.7  | 65.5  |
| 79        | 51.3  | 44.6  | 67.0  |



#18  
Hexachloroethane  
Concen: 40.207 ng  
RT: 8.928 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 25870 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 100.8 | 67.9  | 101.9 |
| 201       | 119.3 | 80.5  | 120.7 |

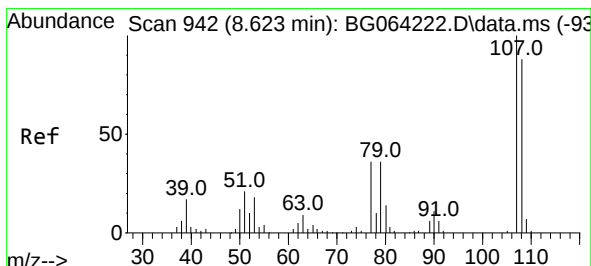
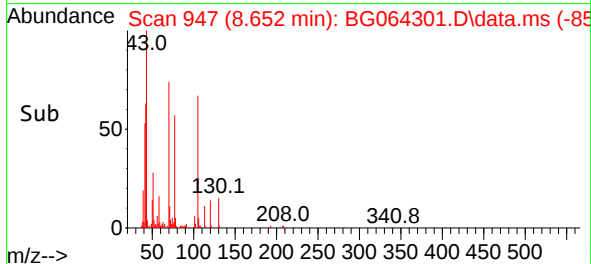
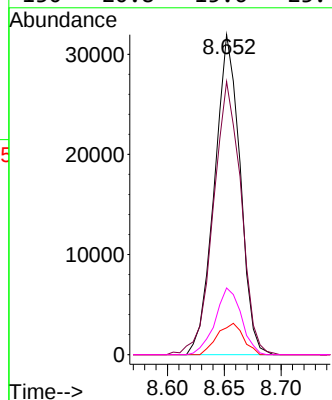
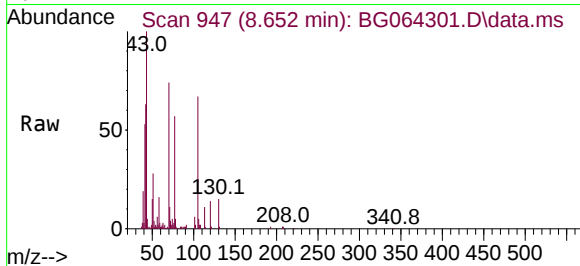




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.878 ng  
RT: 8.652 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

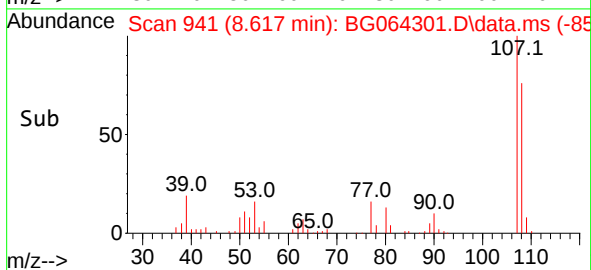
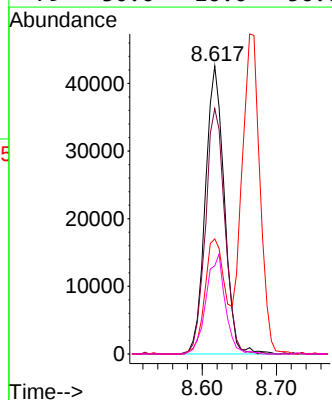
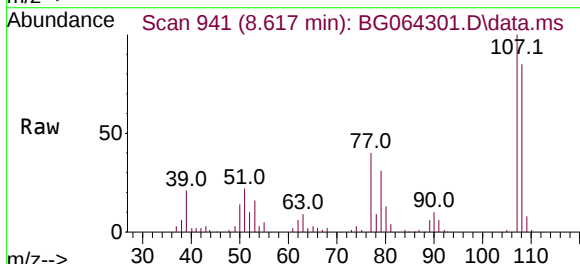
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

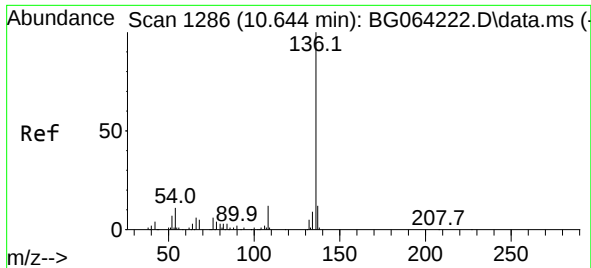
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 50036 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 85.3  | 67.9  | 101.9 |
| 101      | 8.4   | 7.3   | 10.9  |
| 130      | 20.8  | 15.6  | 23.4  |



#20  
3+4-Methylphenols  
Concen: 38.208 ng  
RT: 8.617 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 75295 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 85.2  | 68.1  | 108.1 |
| 77       | 39.9  | 15.9  | 55.9  |
| 79       | 30.6  | 16.0  | 56.0  |

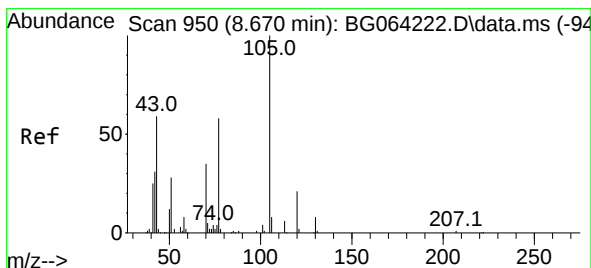
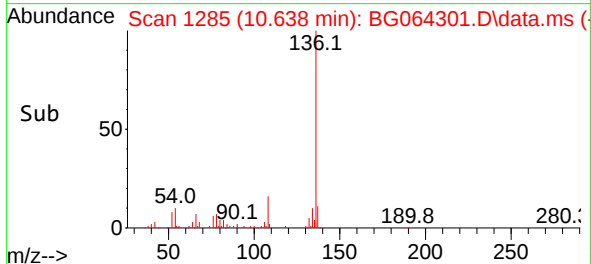
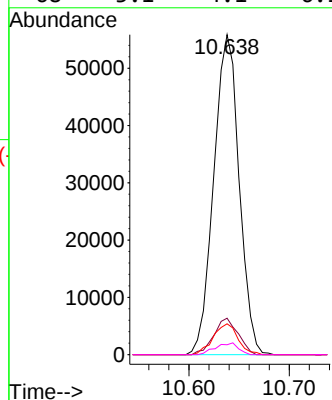
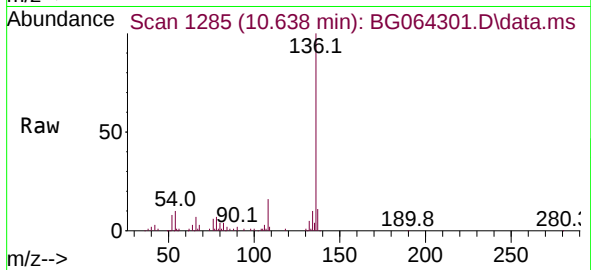




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.638 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

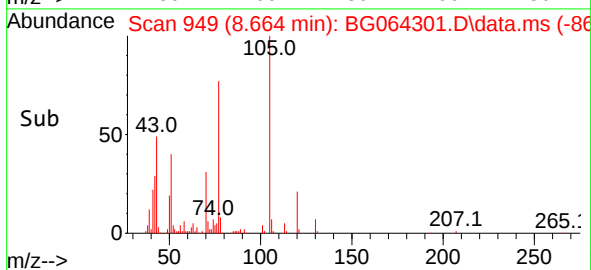
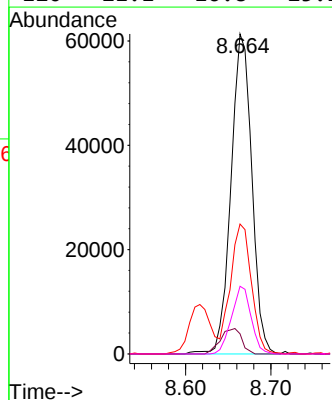
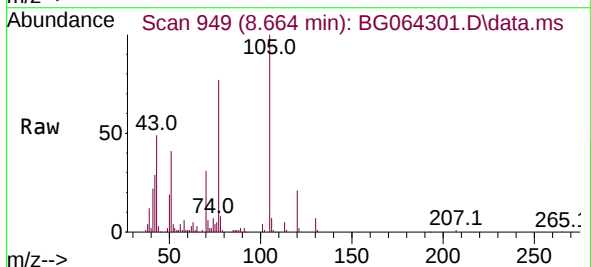
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

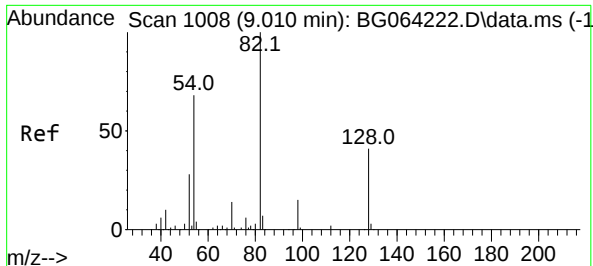
Tgt Ion:136 Resp: 98292  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.6 14.4  
54 10.4 8.8 13.2  
68 3.1 4.1 6.1#



#22  
Acetophenone  
Concen: 41.767 ng  
RT: 8.664 min Scan# 949  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:105 Resp: 103861  
Ion Ratio Lower Upper  
105 100  
71 6.3 4.3 6.5  
51 40.6 32.4 48.6  
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 88.825 ng

RT: 9.005 min Scan# 10

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

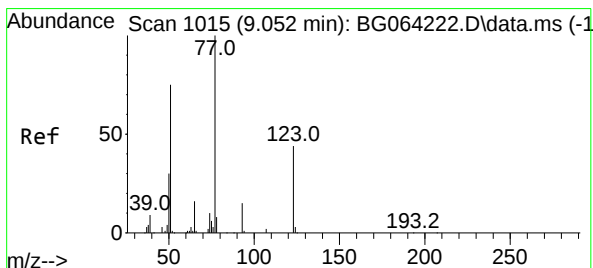
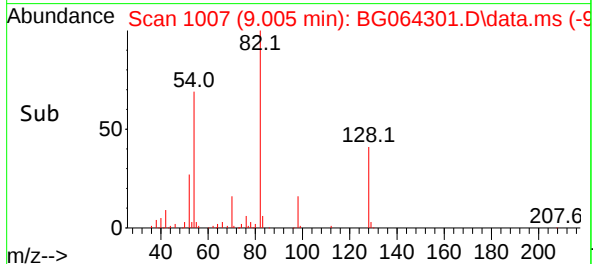
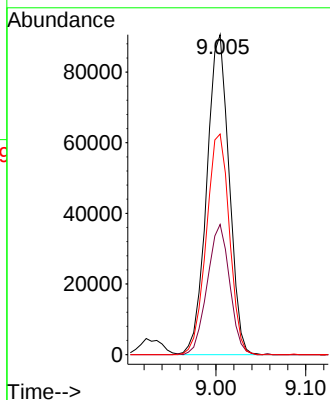
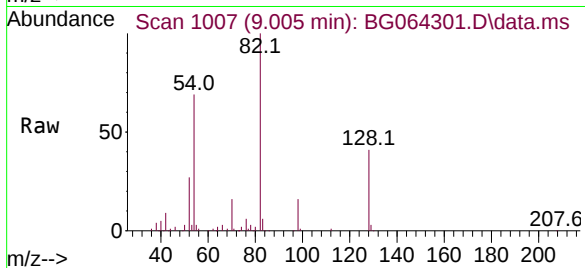
Tgt Ion: 82 Resp: 156549

Ion Ratio Lower Upper

82 100

128 40.7 32.6 48.8

54 68.9 54.7 82.1



#24

Nitrobenzene

Concen: 42.627 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

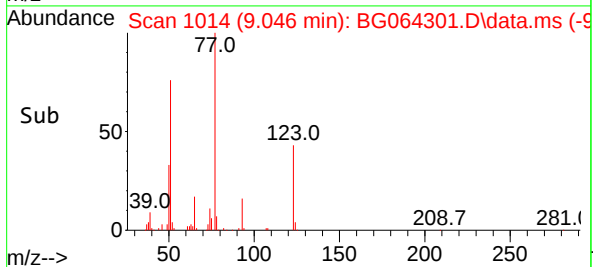
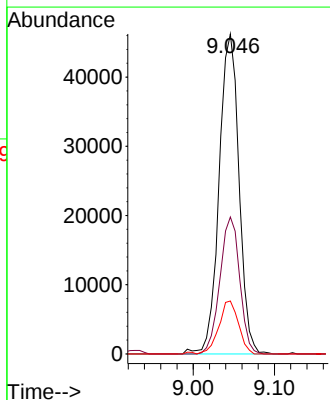
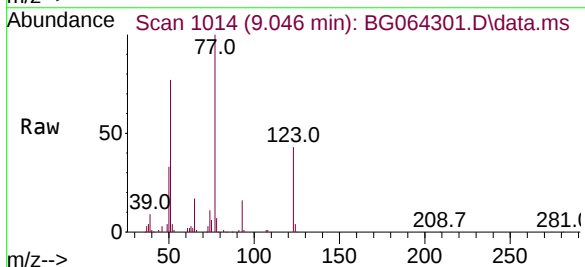
Tgt Ion: 77 Resp: 78494

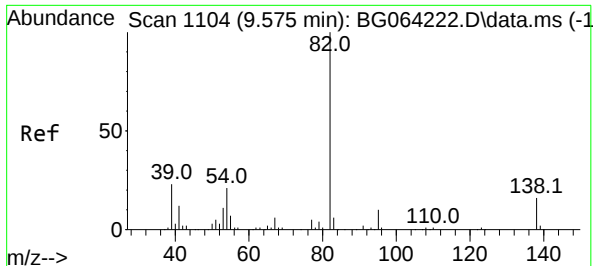
Ion Ratio Lower Upper

77 100

123 42.8 35.2 52.8

65 16.5 12.6 19.0

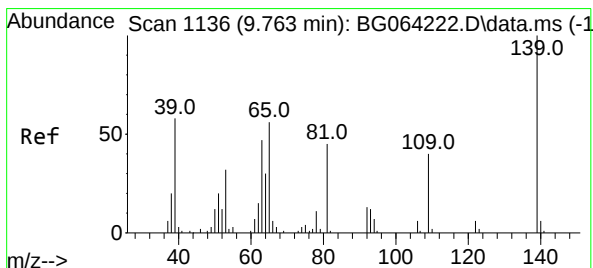
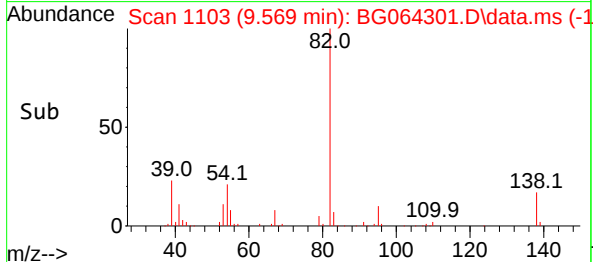
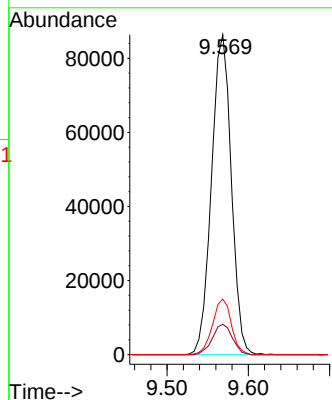
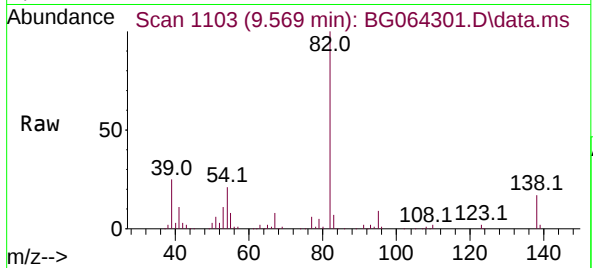




#25  
Isophorone  
Concen: 39.851 ng  
RT: 9.569 min Scan# 1104  
Delta R.T. -0.018 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

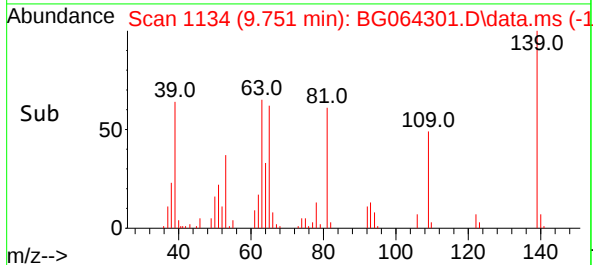
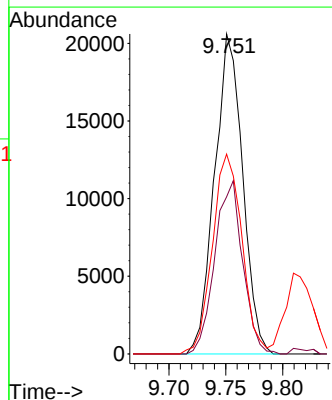
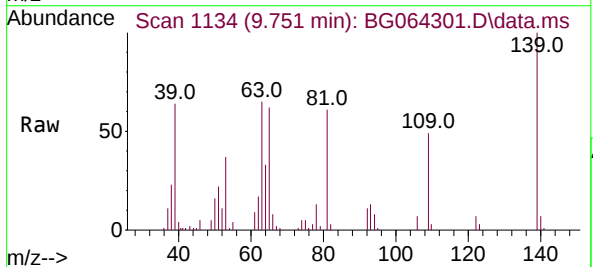
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

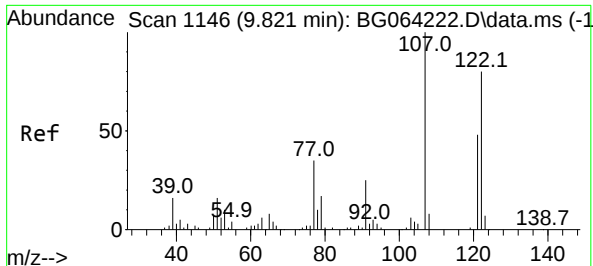
Tgt Ion: 82 Resp: 145972  
Ion Ratio Lower Upper  
82 100  
95 9.5 7.9 11.9  
138 17.3 13.0 19.4



#26  
2-Nitrophenol  
Concen: 44.462 ng  
RT: 9.751 min Scan# 1134  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 139 Resp: 35377  
Ion Ratio Lower Upper  
139 100  
109 49.1 32.4 48.6#  
65 62.4 44.6 67.0

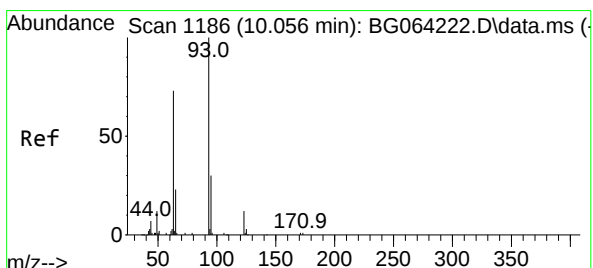
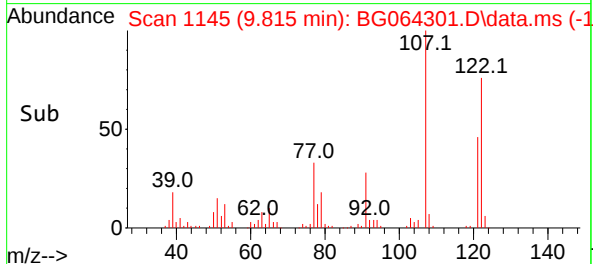
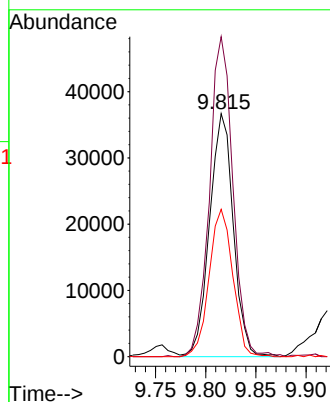
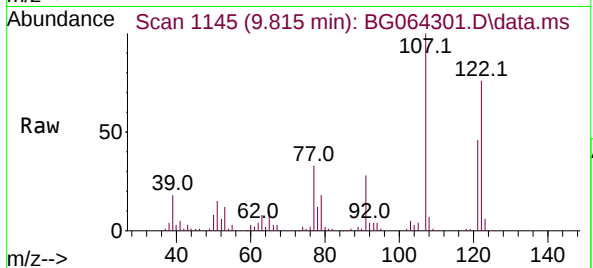




#27  
2,4-Dimethylphenol  
Concen: 43.209 ng  
RT: 9.815 min Scan# 1145  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

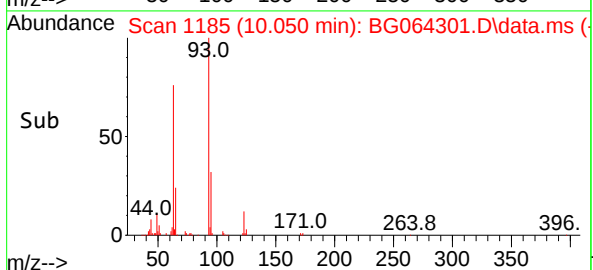
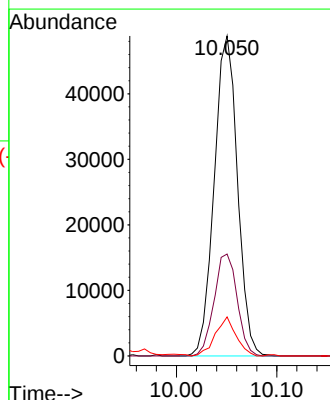
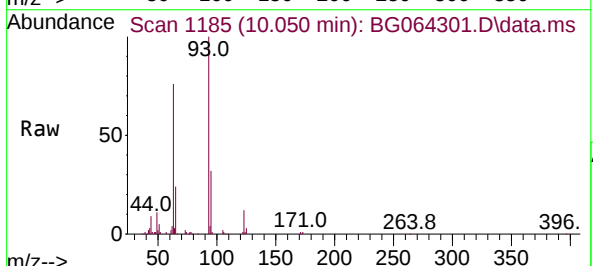
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

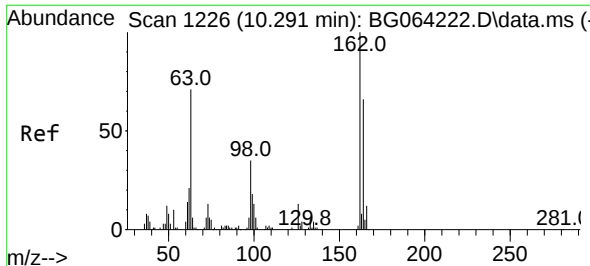
Tgt Ion:122 Resp: 60361  
Ion Ratio Lower Upper  
122 100  
107 131.7 99.9 149.9  
121 60.6 48.6 72.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.843 ng  
RT: 10.050 min Scan# 1185  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 93 Resp: 78693  
Ion Ratio Lower Upper  
93 100  
95 31.8 23.9 35.9  
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.780 ng

RT: 10.285 min Scan# 1225

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

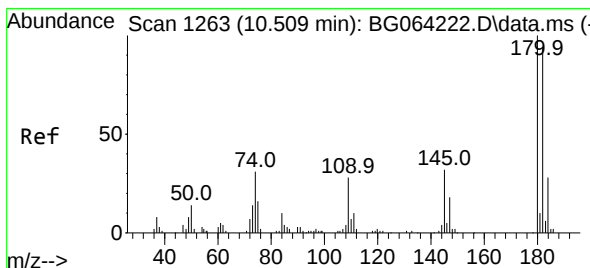
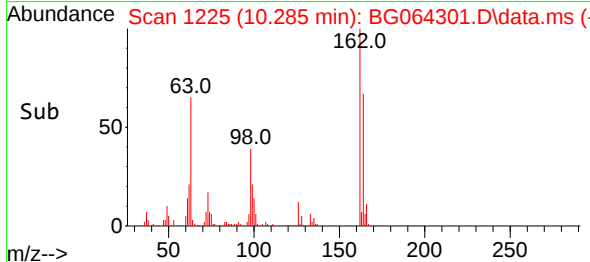
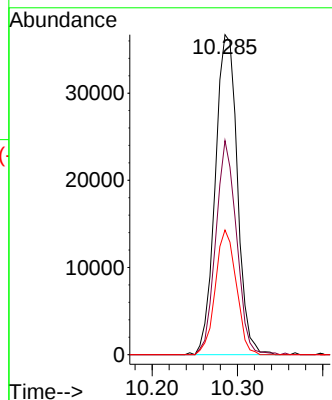
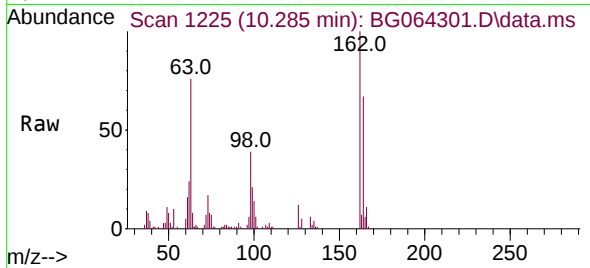
Tgt Ion:162 Resp: 66004

Ion Ratio Lower Upper

162 100

164 66.9 45.8 85.8

98 38.9 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 45.683 ng

RT: 10.503 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

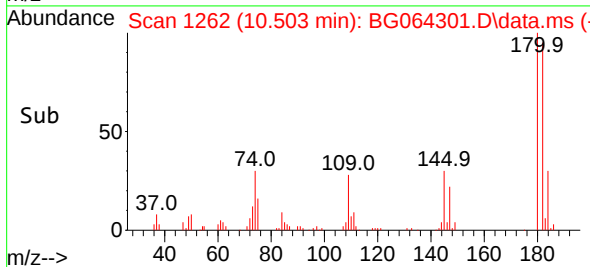
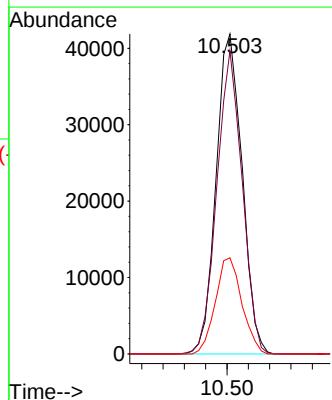
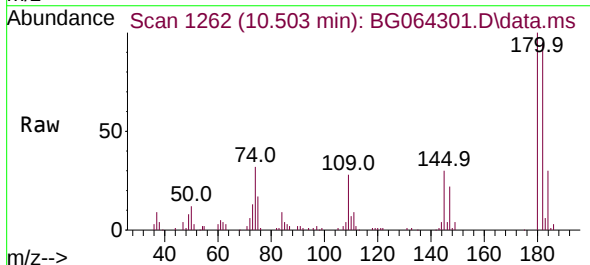
Tgt Ion:180 Resp: 70997

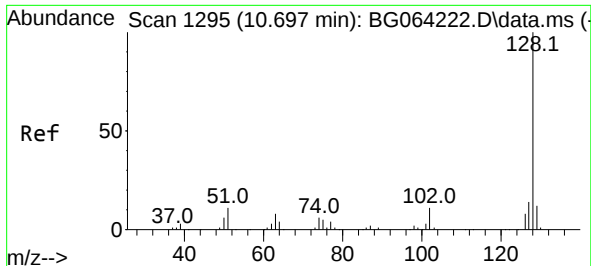
Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.6

145 30.0 25.4 38.0

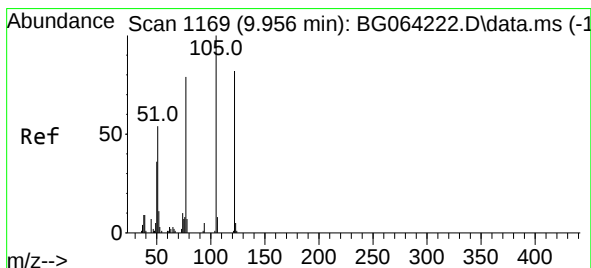
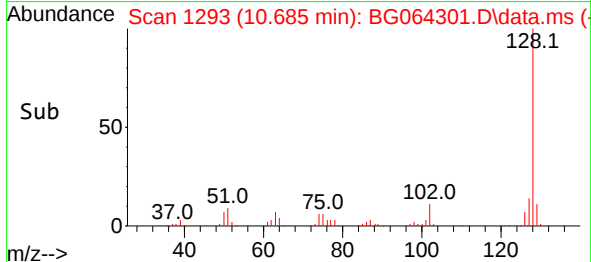
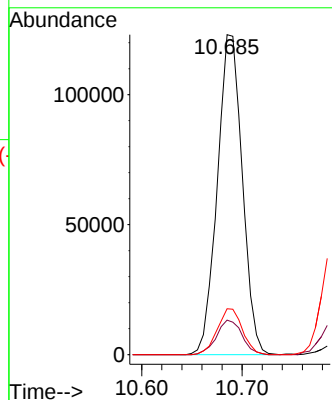
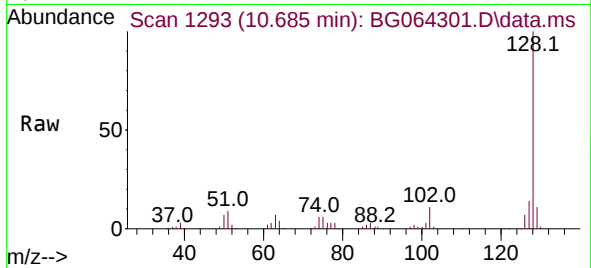




#31  
Naphthalene  
Concen: 41.820 ng  
RT: 10.685 min Scan# 1293  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

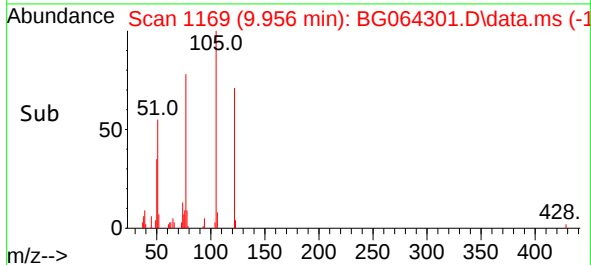
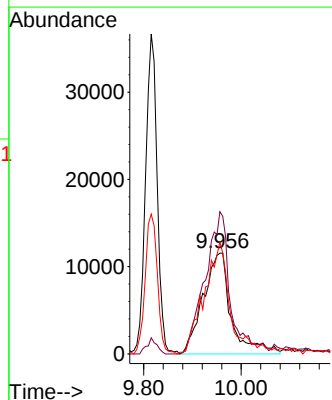
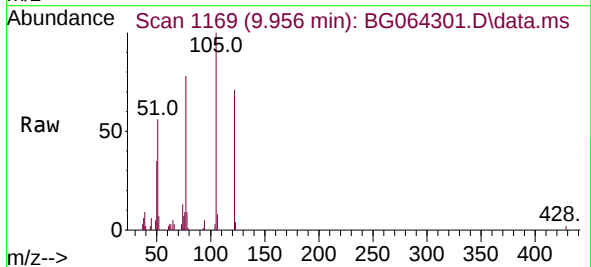
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BNA\_G  
ClientSampleId :  
SSTDCCC040

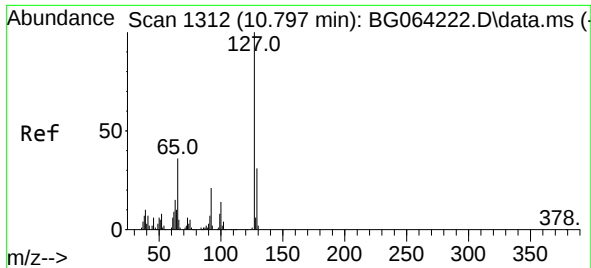
Tgt Ion:128 Resp: 213153  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.4 14.2  
127 14.3 10.9 16.3



#32  
Benzoic acid  
Concen: 41.529 ng  
RT: 9.956 min Scan# 1169  
Delta R.T. -0.059 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:122 Resp: 46051  
Ion Ratio Lower Upper  
122 100  
105 141.1 98.5 138.5#  
77 110.7 74.6 114.6

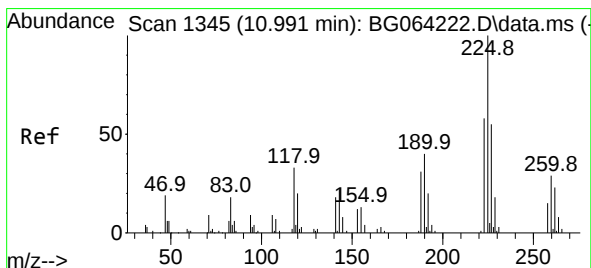
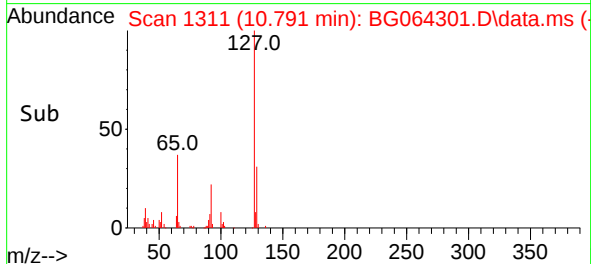
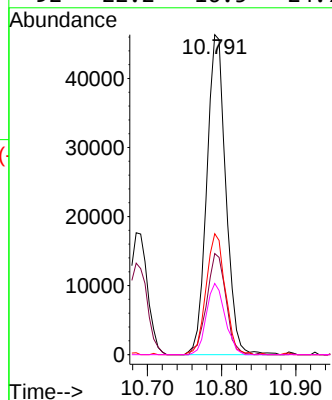
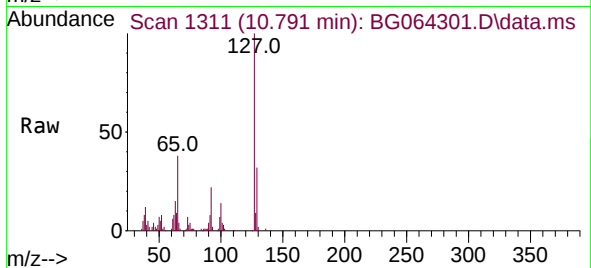




#33  
4-Chloroaniline  
Concen: 41.791 ng  
RT: 10.791 min Scan# 1312  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

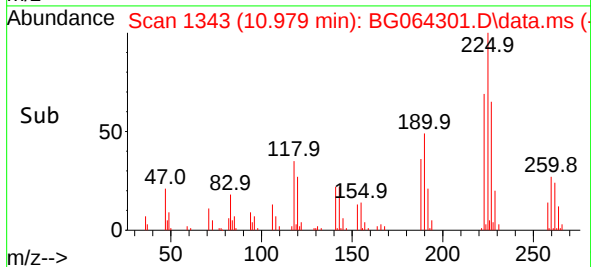
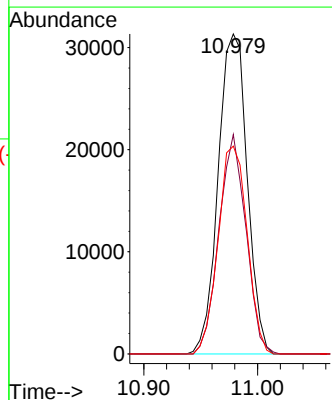
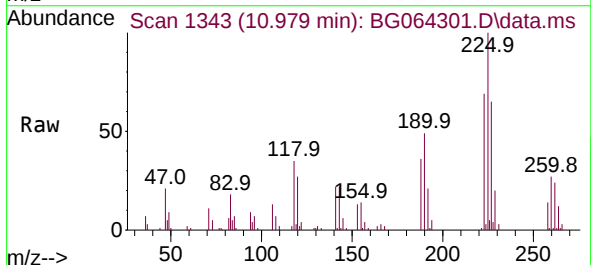
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

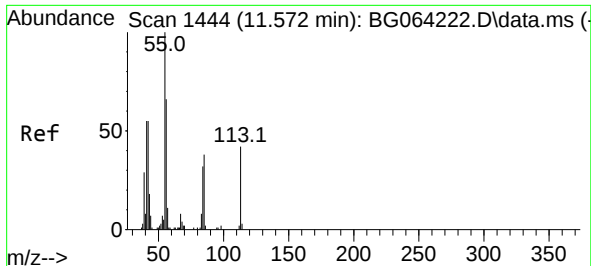
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 82558     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.6  | 25.0 37.4 |
| 65          | 37.8  | 28.7 43.1 |
| 92          | 22.2  | 16.5 24.7 |



#34  
Hexachlorobutadiene  
Concen: 48.306 ng  
RT: 10.979 min Scan# 1343  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

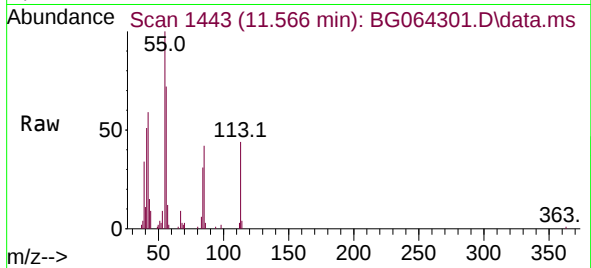
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 55494     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 68.5  | 46.5 69.7 |
| 227         | 68.4  | 44.1 66.1 |



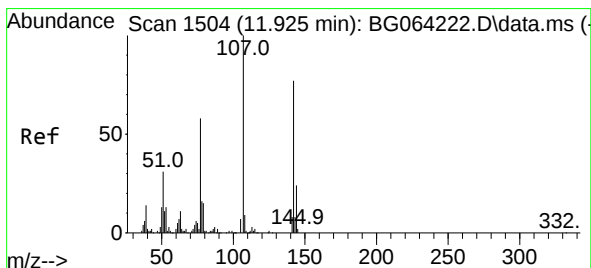
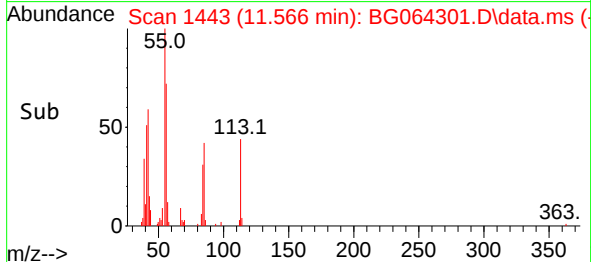
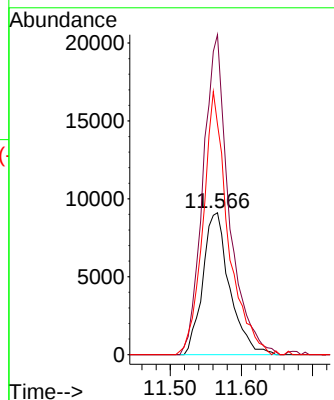


#35  
Caprolactam  
Concen: 41.778 ng  
RT: 11.566 min Scan# 1443  
Delta R.T. -0.036 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

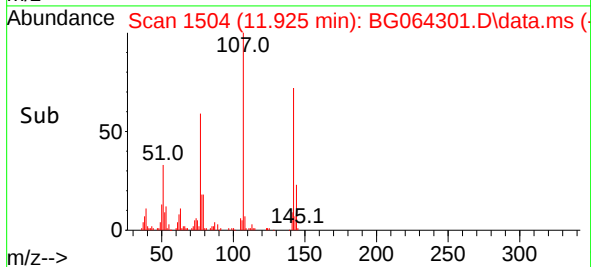
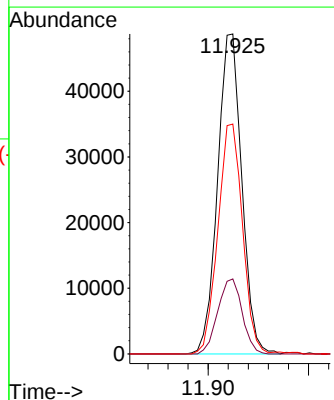
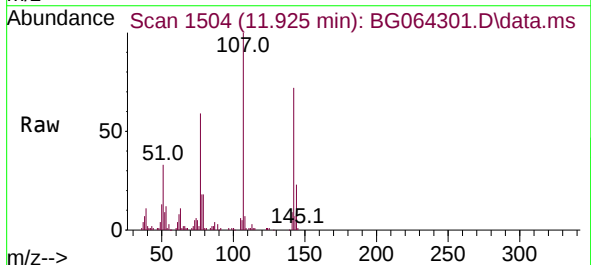


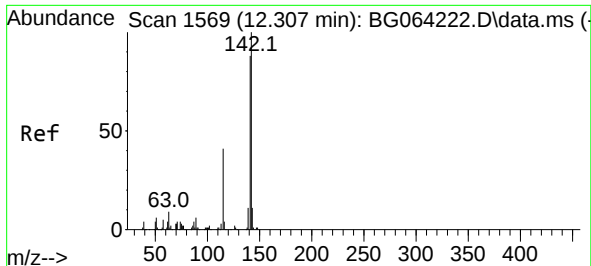
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 225.7 | 218.5 | 258.5 |
| 56      | 162.4 | 138.5 | 178.5 |



#36  
4-Chloro-3-methylphenol  
Concen: 42.774 ng  
RT: 11.925 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.4  | 19.5  | 29.3  |
| 142     | 71.8  | 62.0  | 93.0  |

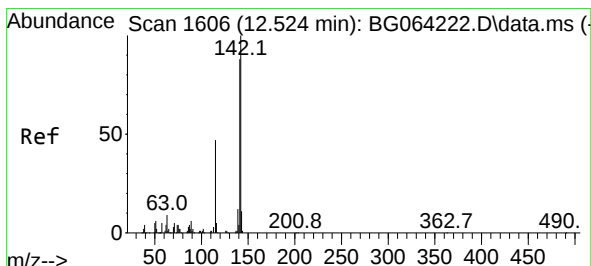
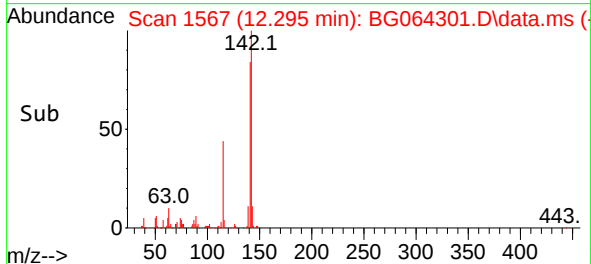
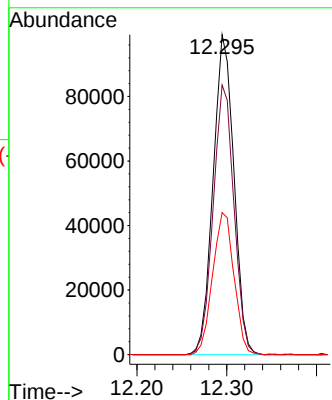
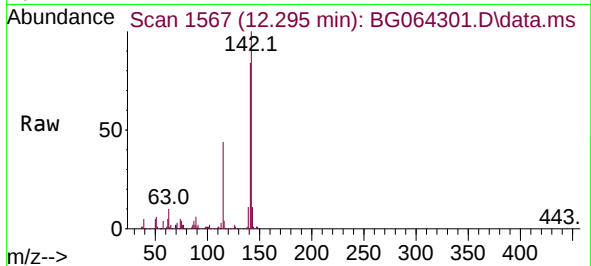




#37  
2-Methylnaphthalene  
Concen: 42.267 ng  
RT: 12.295 min Scan# 1567  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

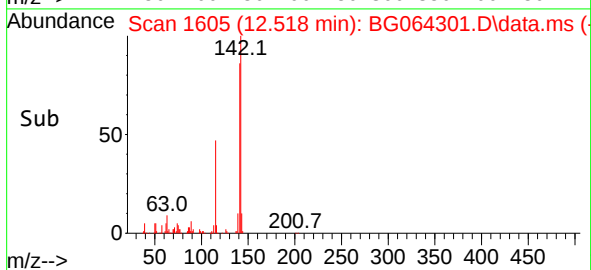
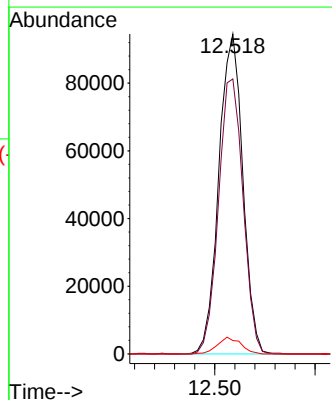
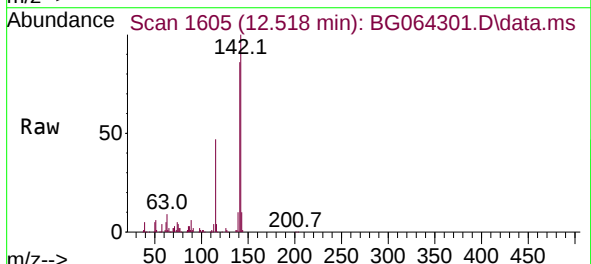
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

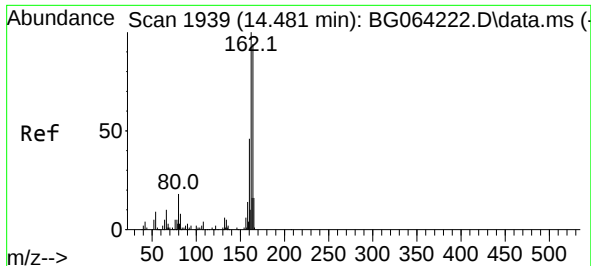
Tgt Ion:142 Resp: 160133  
Ion Ratio Lower Upper  
142 100  
141 84.2 70.1 105.1  
115 44.4 33.1 49.7



#38  
1-Methylnaphthalene  
Concen: 41.896 ng  
RT: 12.518 min Scan# 1605  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:142 Resp: 156779  
Ion Ratio Lower Upper  
142 100  
141 85.9 70.3 105.5  
116 4.2 3.7 5.5

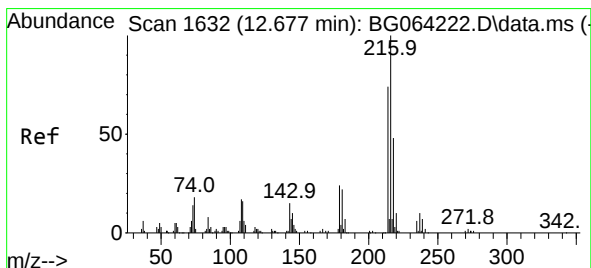
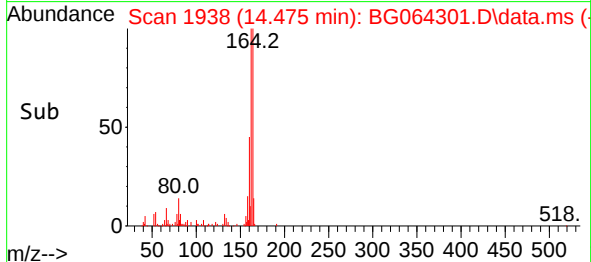
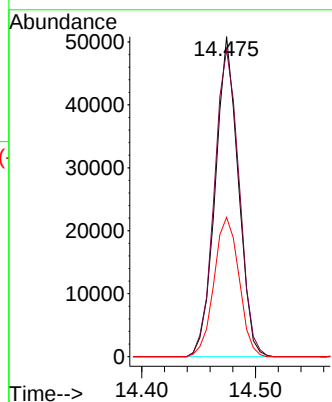
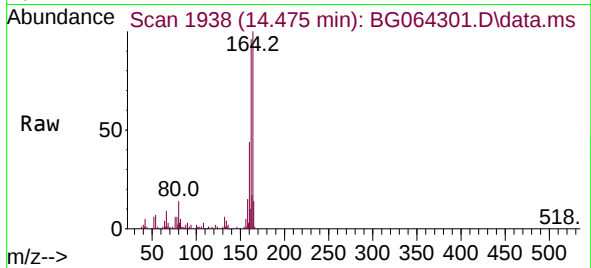




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.475 min Scan# 1939  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

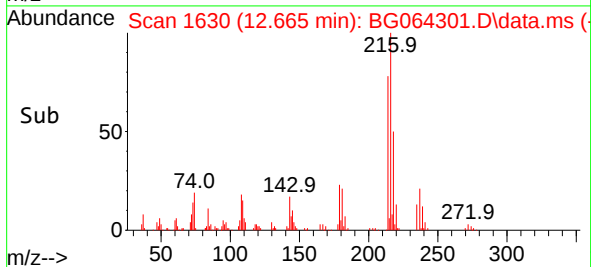
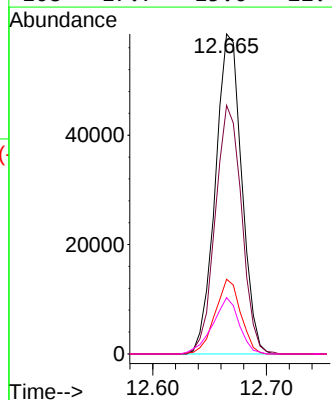
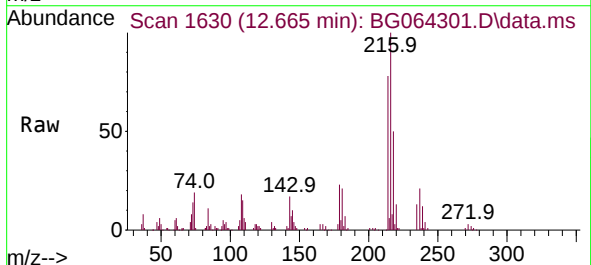
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

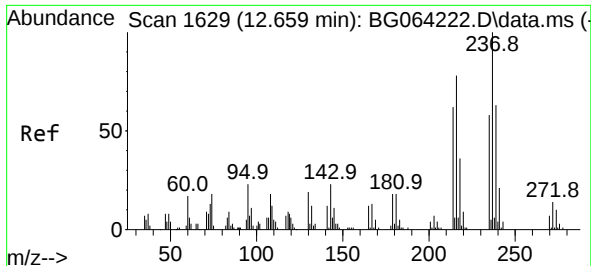
Tgt Ion:164 Resp: 71497  
Ion Ratio Lower Upper  
164 100  
162 95.9 85.4 128.0  
160 43.5 39.2 58.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.543 ng  
RT: 12.665 min Scan# 1630  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

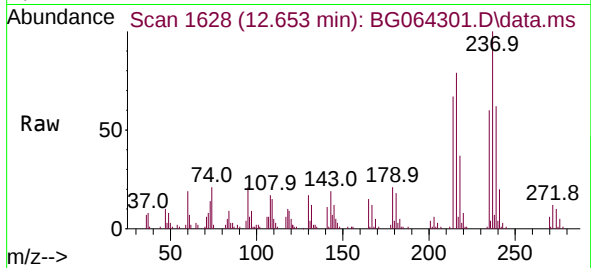
Tgt Ion:216 Resp: 93951  
Ion Ratio Lower Upper  
216 100  
214 77.7 61.9 92.9  
179 22.7 17.9 26.9  
108 17.7 15.0 22.4



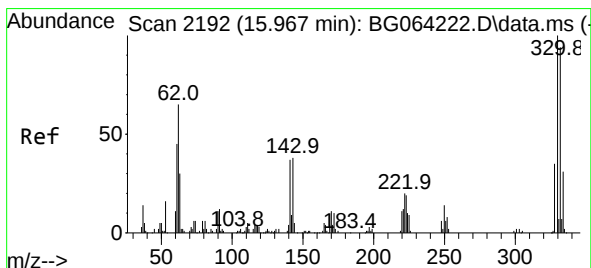
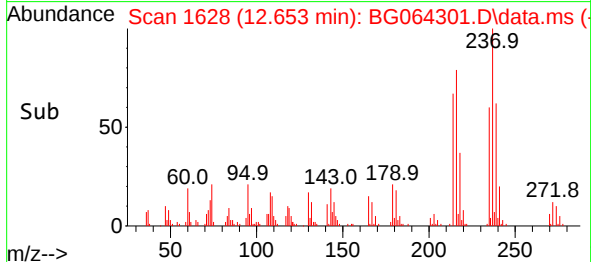
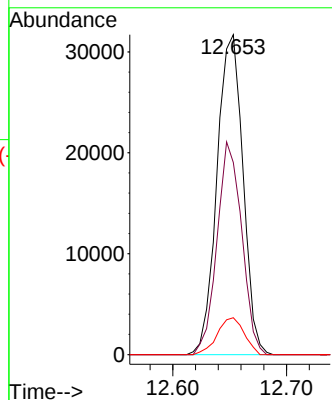


#41  
Hexachlorocyclopentadiene  
Concen: 51.338 ng  
RT: 12.653 min Scan# 1628  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

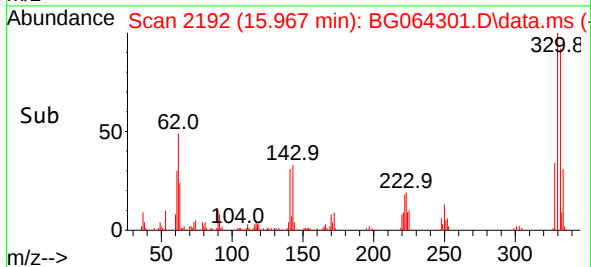
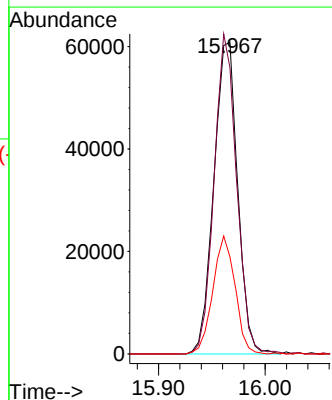
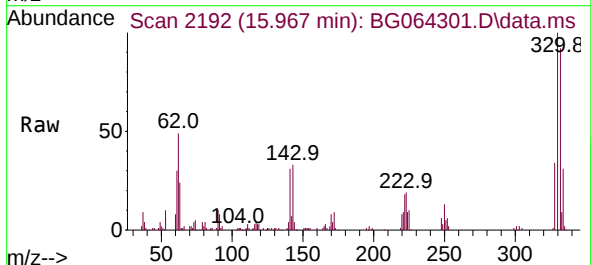


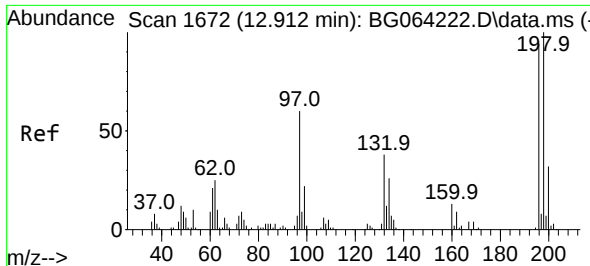
Tgt Ion:237 Resp: 50334  
Ion Ratio Lower Upper  
237 100  
235 60.0 37.9 77.9  
272 11.5 0.0 33.8



#42  
2,4,6-Tribromophenol  
Concen: 99.996 ng  
RT: 15.967 min Scan# 2192  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

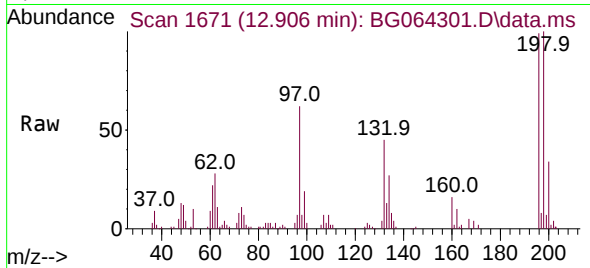
Tgt Ion:330 Resp: 94697  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.6 116.4  
141 35.2 29.8 44.6



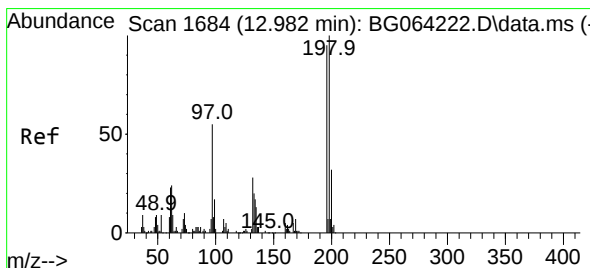
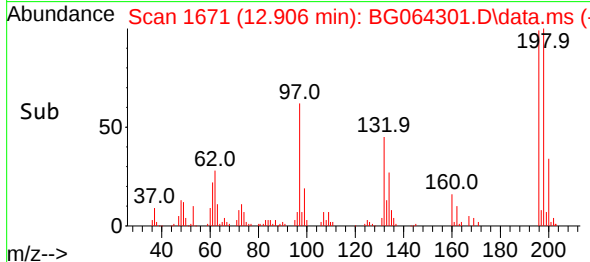
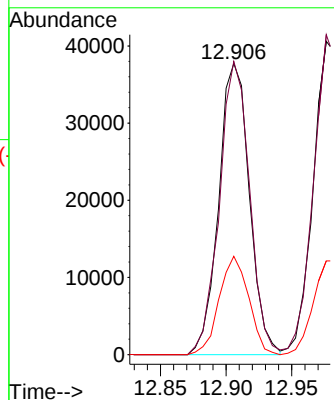


#43  
2,4,6-Trichlorophenol  
Concen: 44.535 ng  
RT: 12.906 min Scan# 1671  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

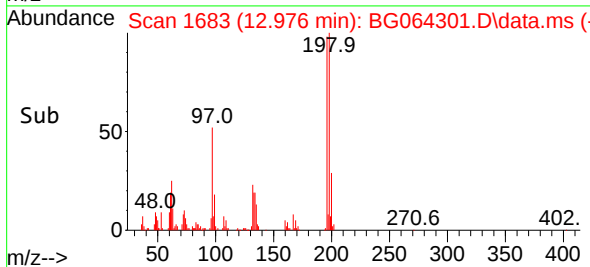
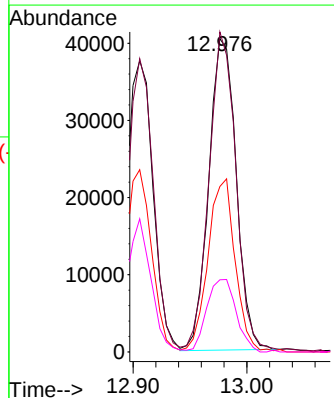
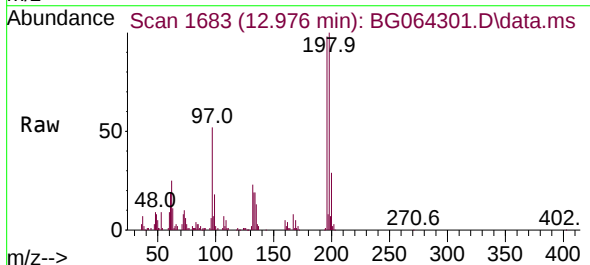


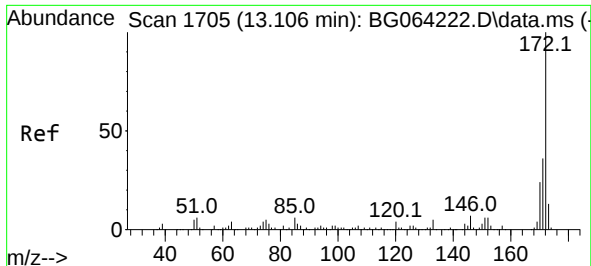
Tgt Ion:196 Resp: 61406  
Ion Ratio Lower Upper  
196 100  
198 100.8 85.4 128.2  
200 33.8 27.3 40.9



#44  
2,4,5-Trichlorophenol  
Concen: 45.324 ng  
RT: 12.976 min Scan# 1683  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:196 Resp: 67791  
Ion Ratio Lower Upper  
196 100  
198 102.1 84.5 126.7  
97 52.7 46.8 70.2  
132 23.0 23.4 35.2#

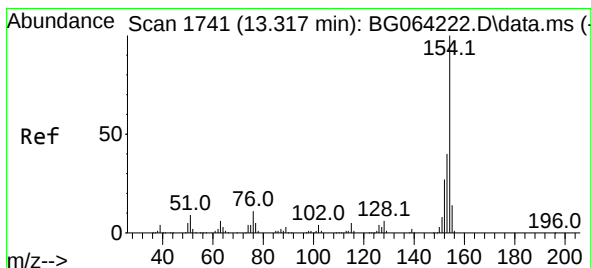
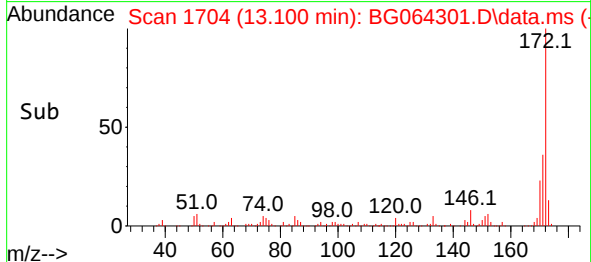
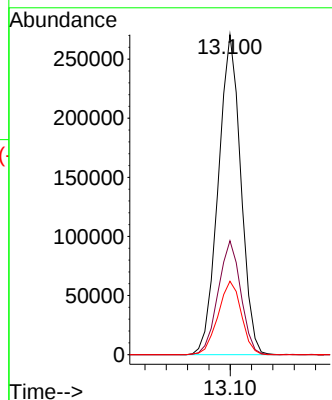
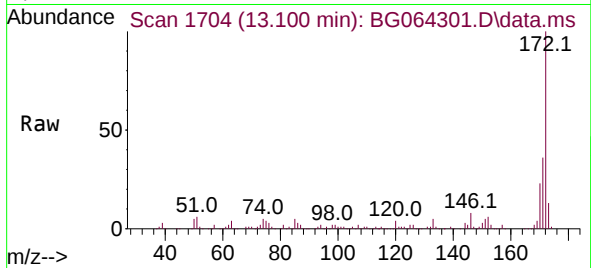




#45  
2-Fluorobiphenyl  
Concen: 85.070 ng  
RT: 13.100 min Scan# 1704  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

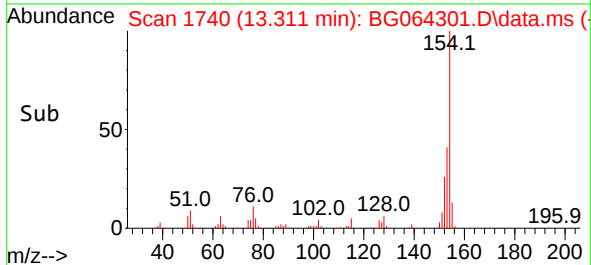
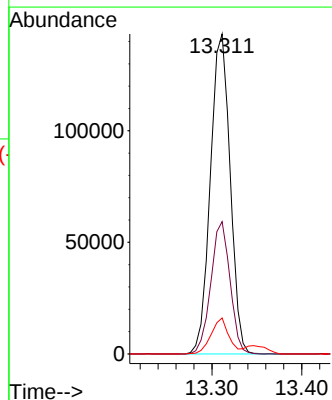
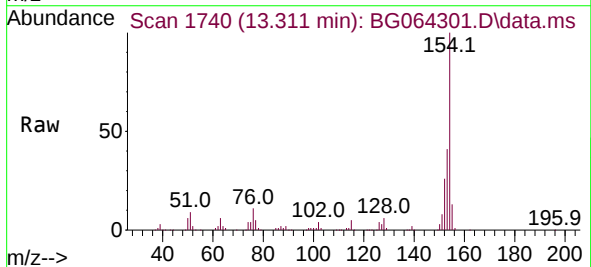
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

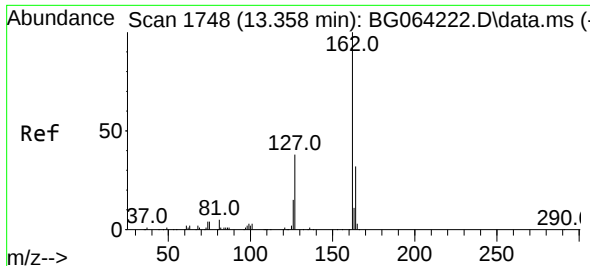
Tgt Ion:172 Resp: 398483  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.7 43.1  
170 22.9 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 42.107 ng  
RT: 13.311 min Scan# 1740  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:154 Resp: 219271  
Ion Ratio Lower Upper  
154 100  
153 41.3 19.9 59.9  
76 11.2 0.0 30.9

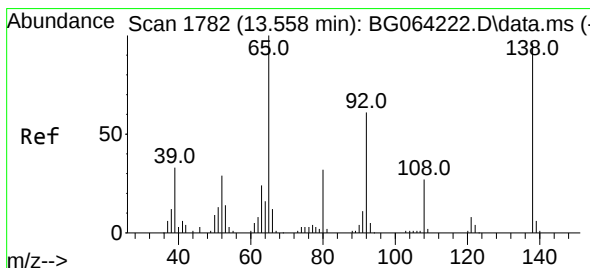
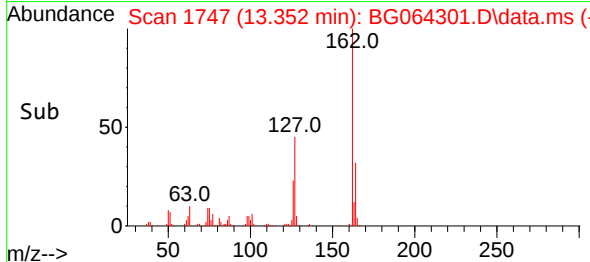
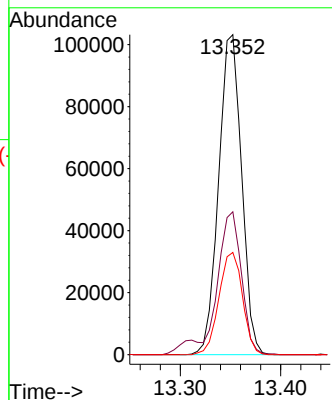
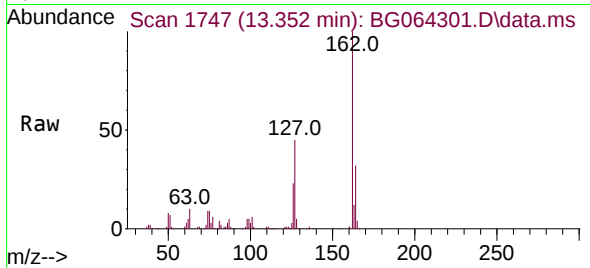




#47  
2-Chloronaphthalene  
Concen: 41.989 ng  
RT: 13.352 min Scan# 1747  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

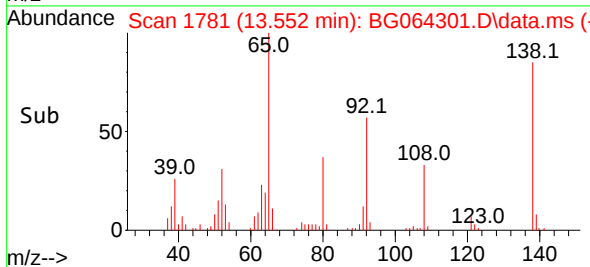
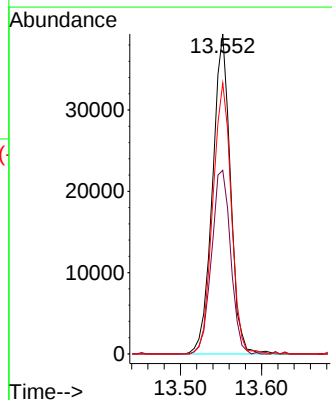
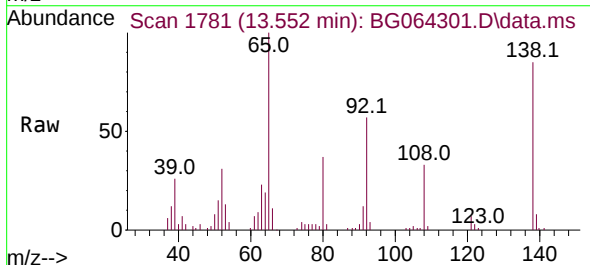
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

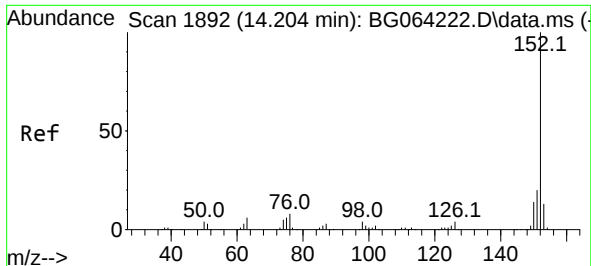
Tgt Ion:162 Resp: 164384  
Ion Ratio Lower Upper  
162 100  
127 44.6 33.9 50.9  
164 31.9 25.4 38.2



#48  
2-Nitroaniline  
Concen: 45.247 ng  
RT: 13.552 min Scan# 1781  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion: 65 Resp: 60376  
Ion Ratio Lower Upper  
65 100  
92 57.4 49.2 73.8  
138 84.7 76.8 115.2

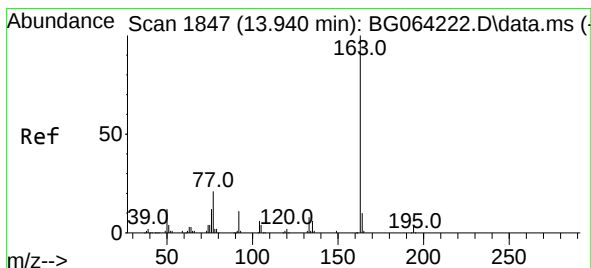
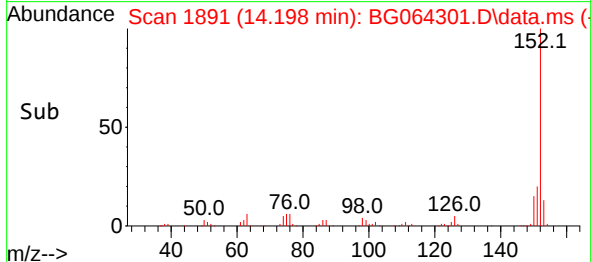
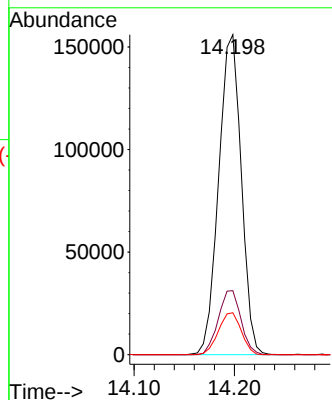
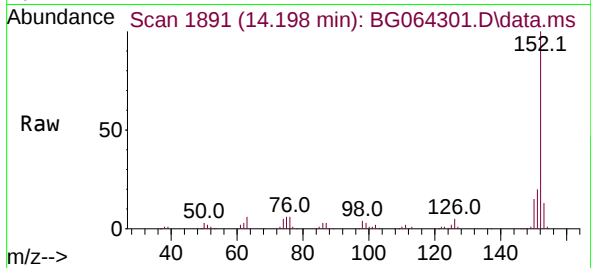




#49  
Acenaphthylene  
Concen: 42.140 ng  
RT: 14.198 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

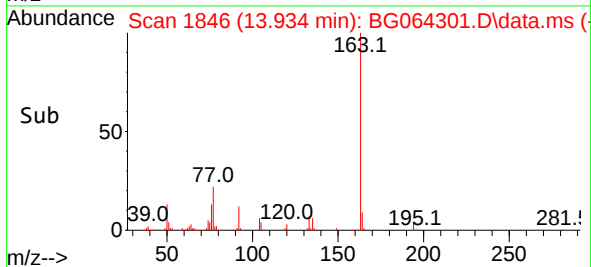
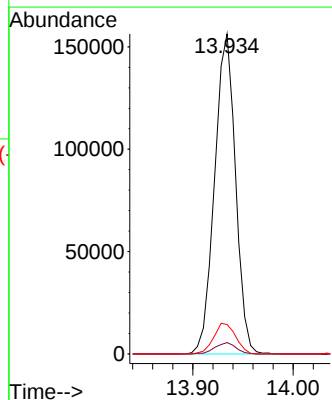
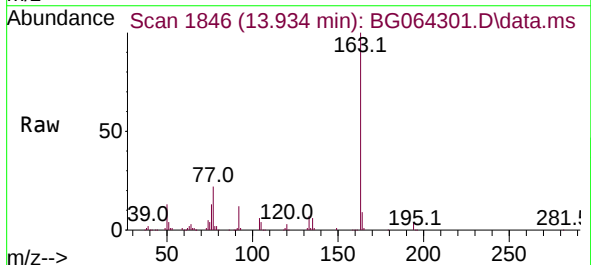
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

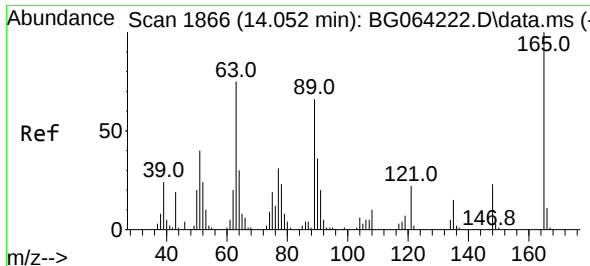
Tgt Ion:152 Resp: 243871  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2  
153 13.1 10.1 15.1



#50  
Dimethylphthalate  
Concen: 41.892 ng  
RT: 13.934 min Scan# 1846  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:163 Resp: 226710  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.4  
164 9.2 7.9 11.9

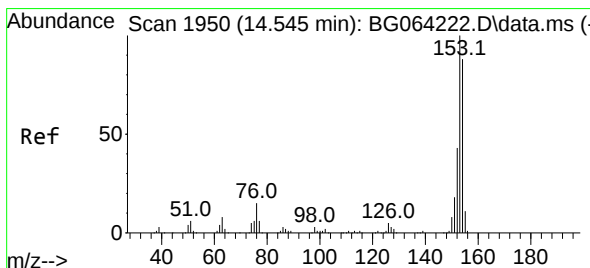
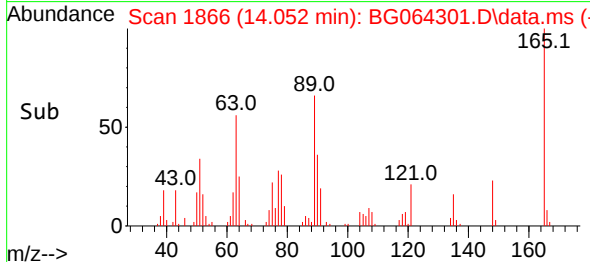
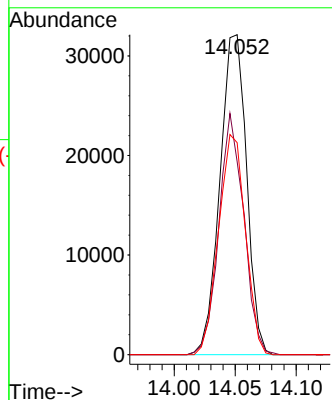
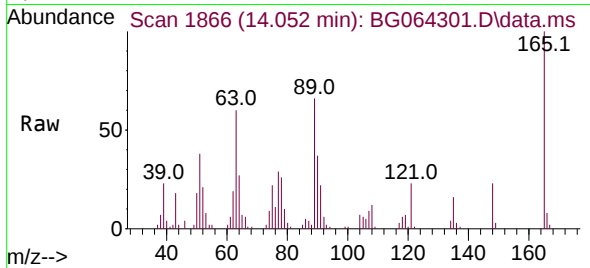




#51  
2,6-Dinitrotoluene  
Concen: 46.664 ng  
RT: 14.052 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

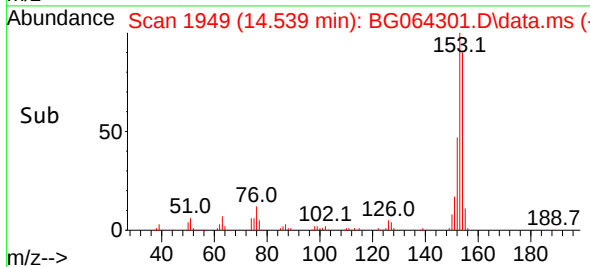
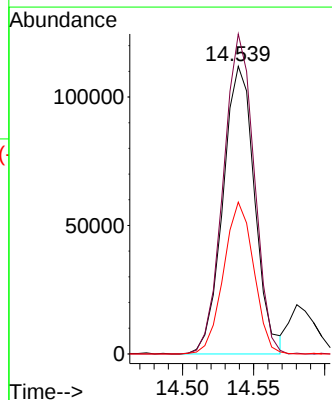
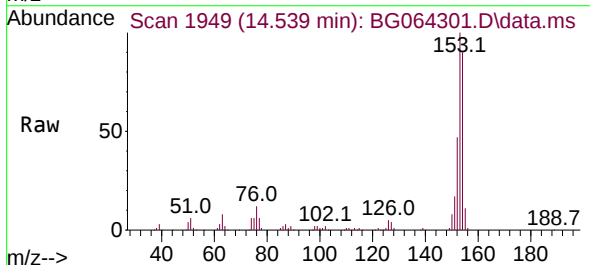
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

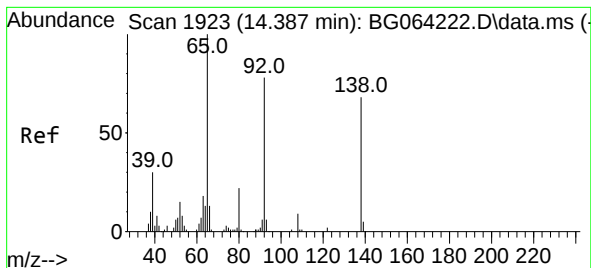
Tgt Ion:165 Resp: 48889  
Ion Ratio Lower Upper  
165 100  
63 60.3 60.3 90.5#  
89 66.2 52.9 79.3



#52  
Acenaphthene  
Concen: 42.647 ng  
RT: 14.539 min Scan# 1949  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:154 Resp: 174171  
Ion Ratio Lower Upper  
154 100  
153 111.2 91.1 136.7  
152 52.7 39.6 59.4





#53

3-Nitroaniline

Concen: 42.439 ng

RT: 14.375 min Scan# 19

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

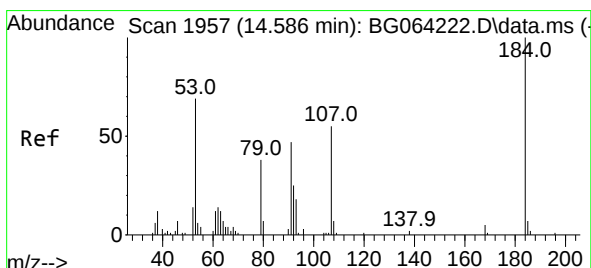
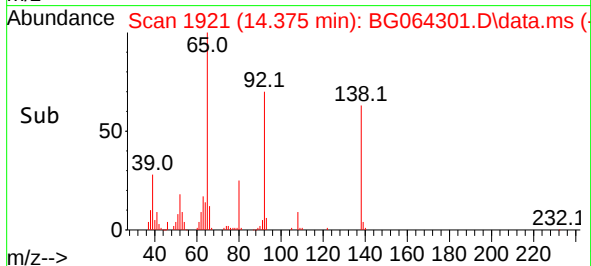
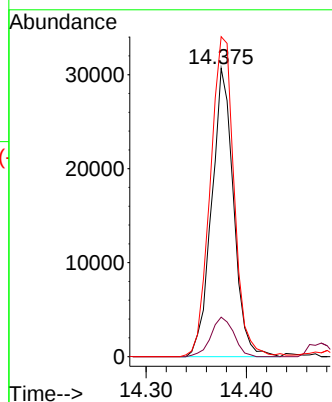
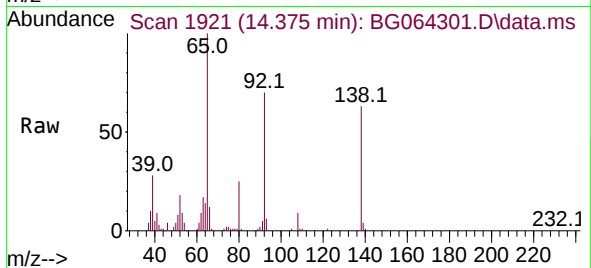
Tgt Ion:138 Resp: 46574

Ion Ratio Lower Upper

138 100

108 13.7 11.0 16.6

92 111.0 91.4 137.0



#54

2,4-Dinitrophenol

Concen: 46.433 ng

RT: 14.586 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

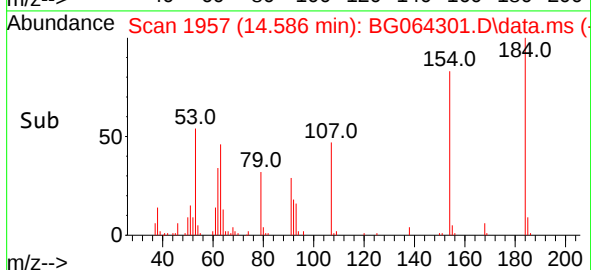
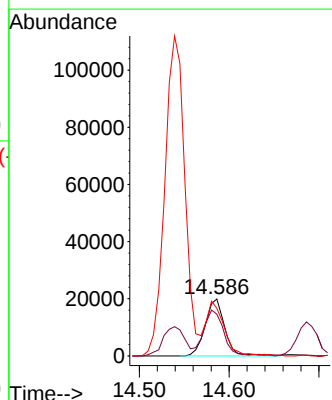
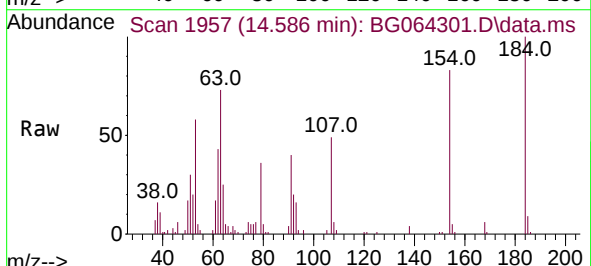
Tgt Ion:184 Resp: 30037

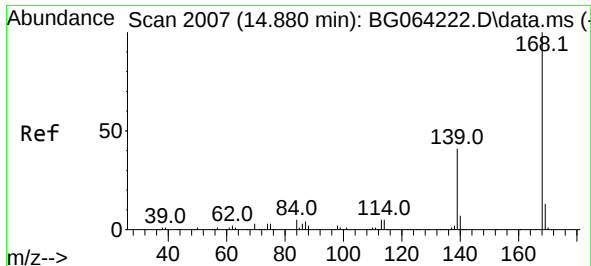
Ion Ratio Lower Upper

184 100

63 73.2 60.1 90.1

154 83.5 59.8 89.8

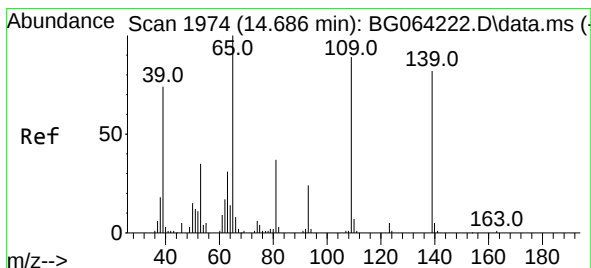
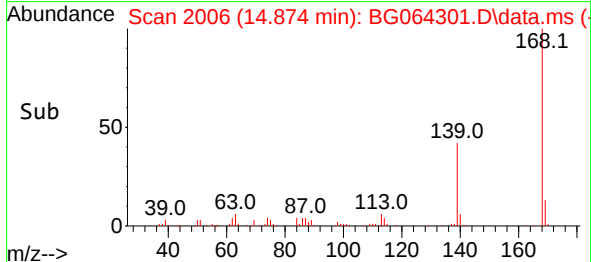
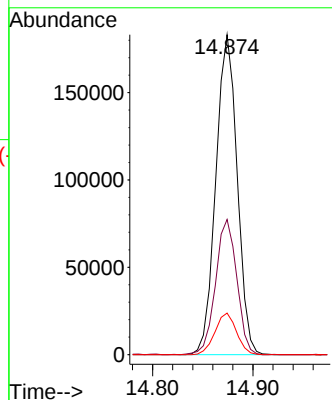
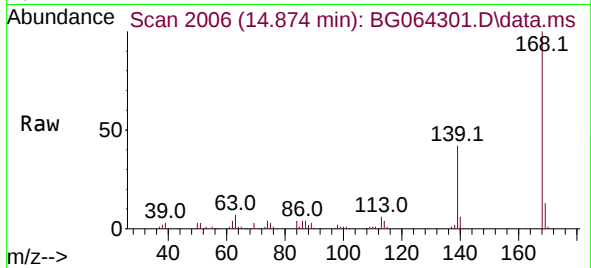




#55  
Dibenzofuran  
Concen: 42.208 ng  
RT: 14.874 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

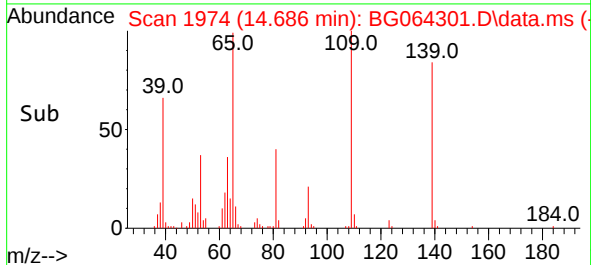
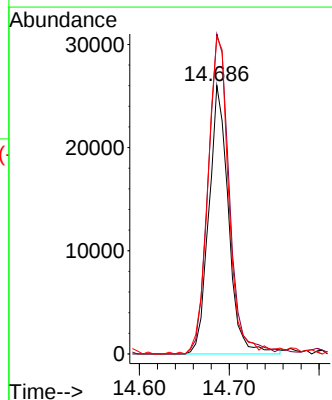
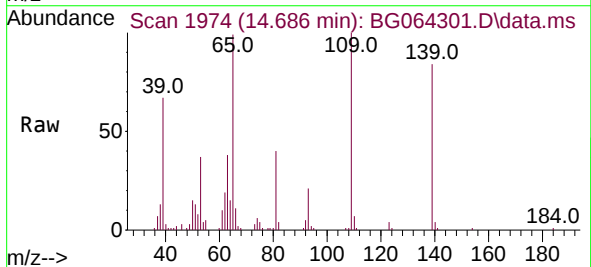
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

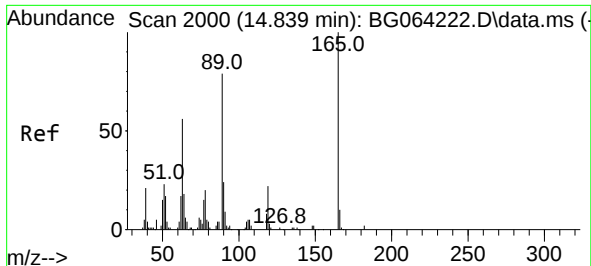
Tgt Ion:168 Resp: 271141  
Ion Ratio Lower Upper  
168 100  
139 42.2 33.2 49.8  
169 13.0 10.4 15.6



#56  
4-Nitrophenol  
Concen: 43.966 ng  
RT: 14.686 min Scan# 1974  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:139 Resp: 39579  
Ion Ratio Lower Upper  
139 100  
109 119.2 89.1 129.1  
65 118.2 102.9 142.9

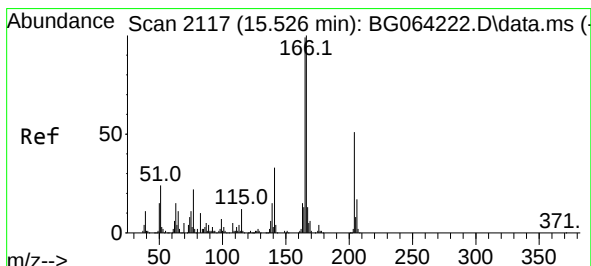
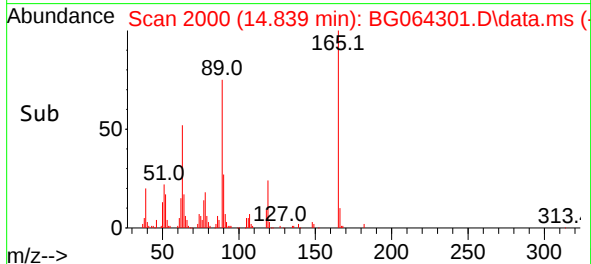
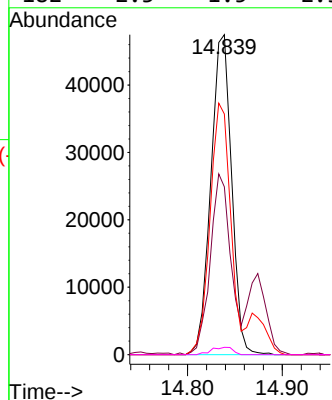
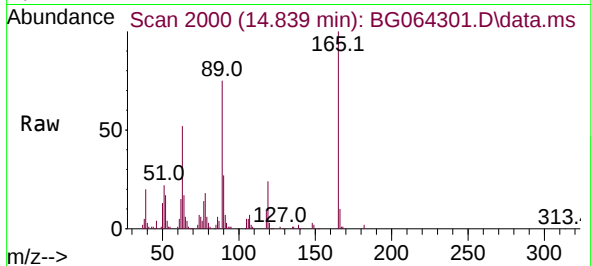




#57  
2,4-Dinitrotoluene  
Concen: 45.613 ng  
RT: 14.839 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

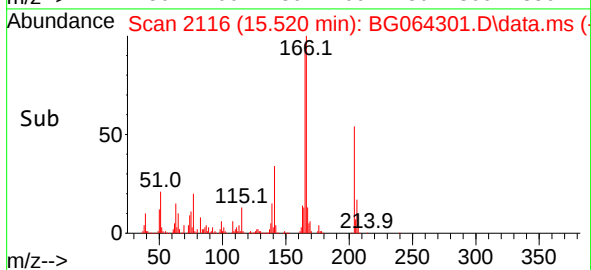
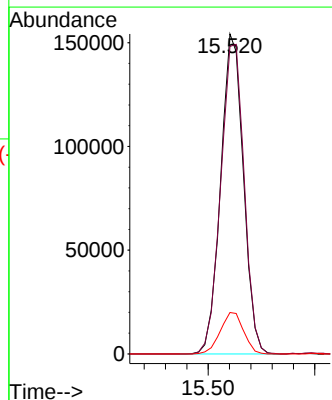
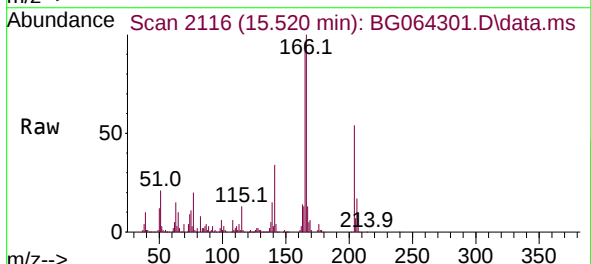
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

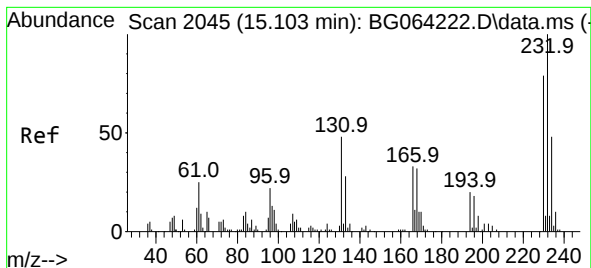
Tgt Ion:165 Resp: 72255  
Ion Ratio Lower Upper  
165 100  
63 52.4 44.6 67.0  
89 75.2 63.0 94.4  
182 2.3 1.5 2.3#



#58  
Fluorene  
Concen: 43.302 ng  
RT: 15.520 min Scan# 2116  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:166 Resp: 227991  
Ion Ratio Lower Upper  
166 100  
165 96.1 79.1 118.7  
167 12.9 10.2 15.4

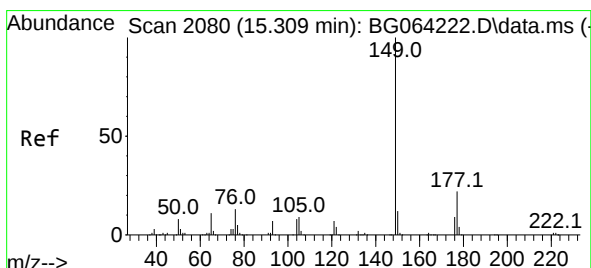
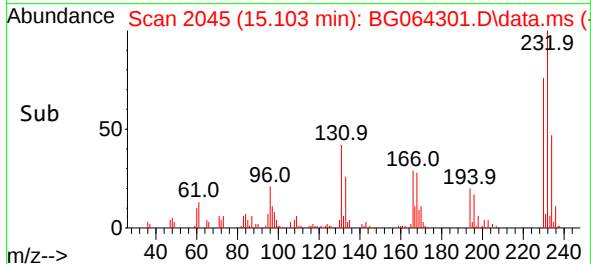
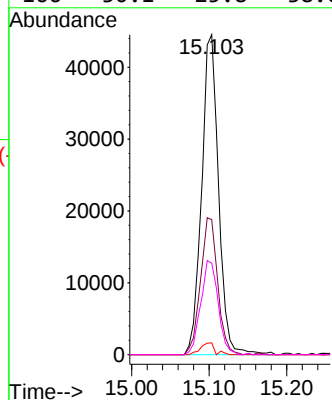
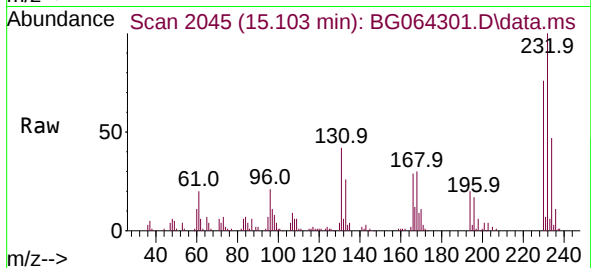




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.862 ng  
RT: 15.103 min Scan# 2045  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

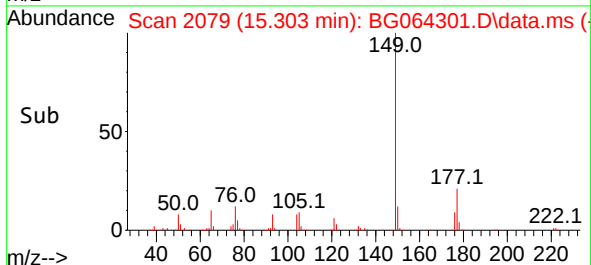
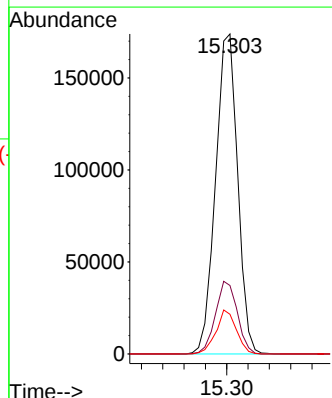
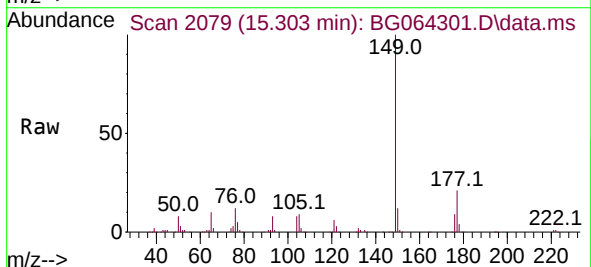
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

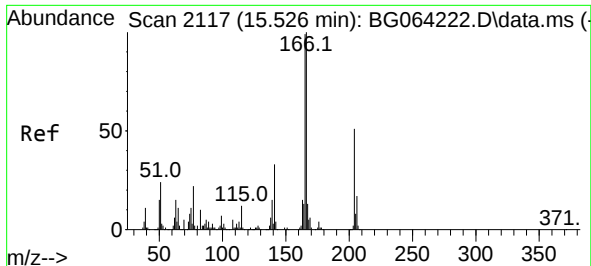
Tgt Ion:232 Resp: 67415  
Ion Ratio Lower Upper  
232 100  
131 43.3 37.1 55.7  
130 3.1 2.6 3.8  
166 30.1 25.8 38.6



#60  
Diethylphthalate  
Concen: 43.245 ng  
RT: 15.303 min Scan# 2079  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:149 Resp: 250465  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.5 26.3  
150 12.4 9.9 14.9

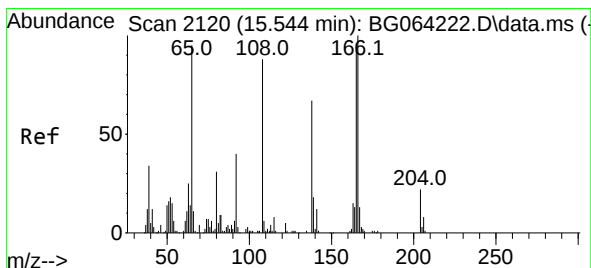
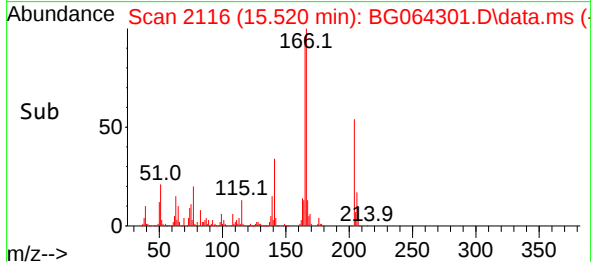
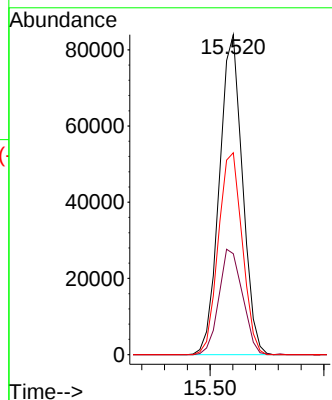
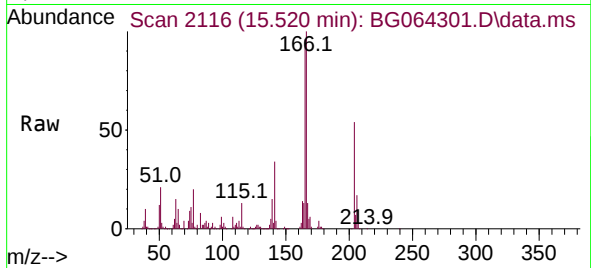




#61  
4-Chlorophenyl-phenylether  
Concen: 45.014 ng  
RT: 15.520 min Scan# 2116  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

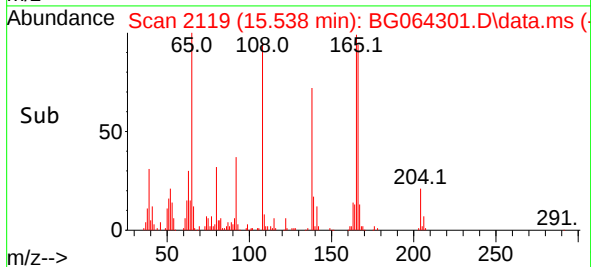
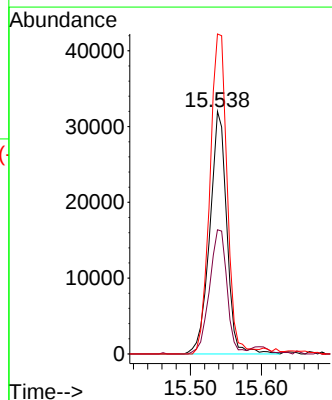
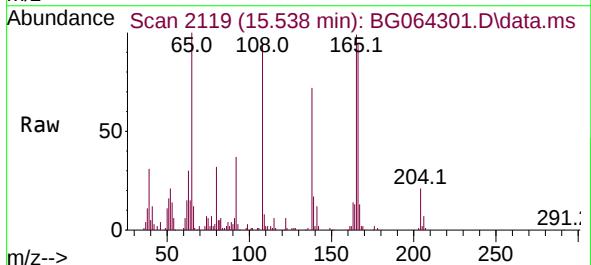
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

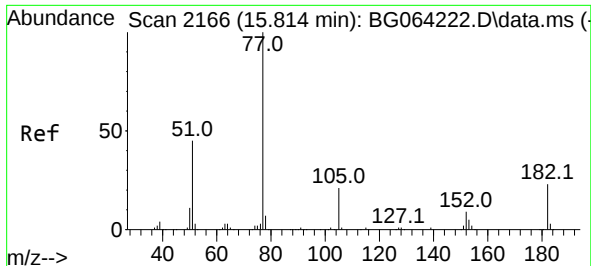
Tgt Ion:204 Resp: 118167  
Ion Ratio Lower Upper  
204 100  
206 31.5 26.2 39.4  
141 63.1 51.9 77.9



#62  
4-Nitroaniline  
Concen: 47.296 ng  
RT: 15.538 min Scan# 2119  
Delta R.T. -0.018 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:138 Resp: 52964  
Ion Ratio Lower Upper  
138 100  
92 51.2 39.1 79.1  
108 132.0 111.3 151.3

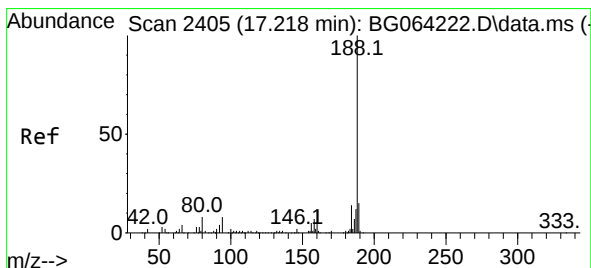
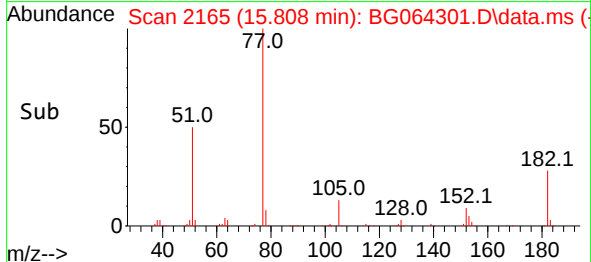
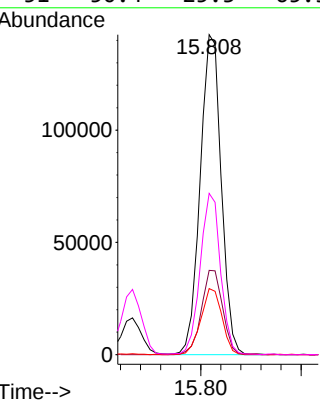
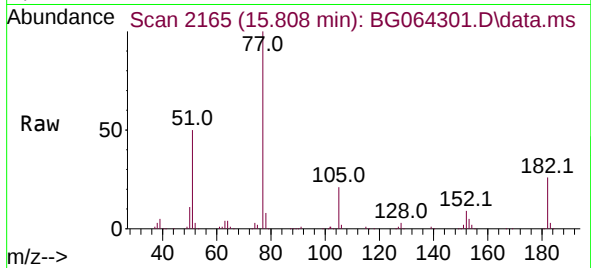




#63  
Azobenzene  
Concen: 40.310 ng  
RT: 15.808 min Scan# 2165  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

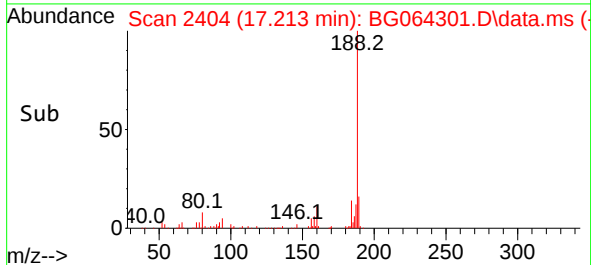
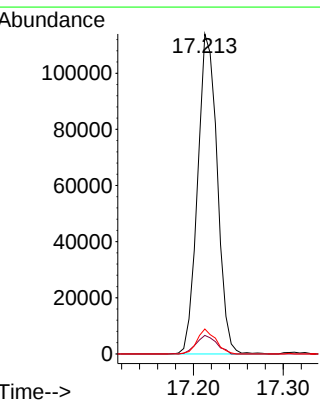
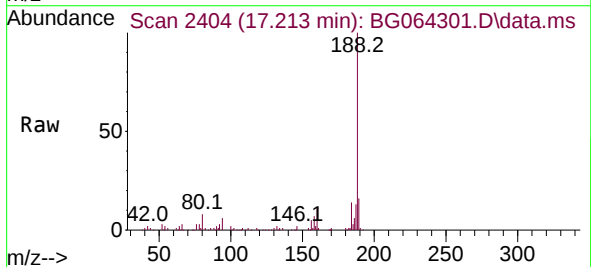
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

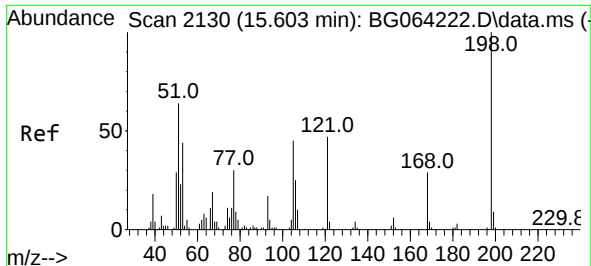
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 208082 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 26.3  | 3.3   | 43.3   |
| 105      | 20.6  | 0.6   | 40.6   |
| 51       | 50.4  | 25.3  | 65.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.213 min Scan# 2404  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 172801 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.8   | 6.2   | 9.4    |
| 80       | 7.8   | 6.8   | 10.2   |

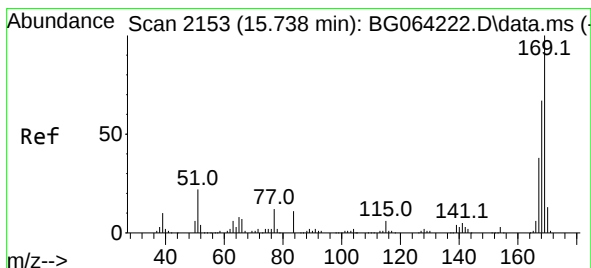
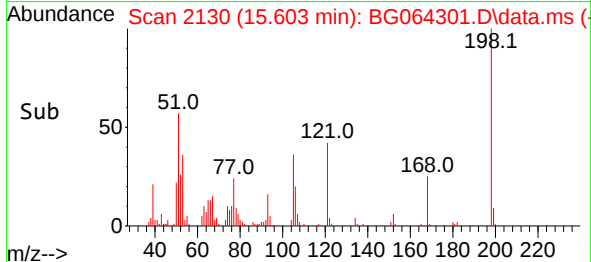
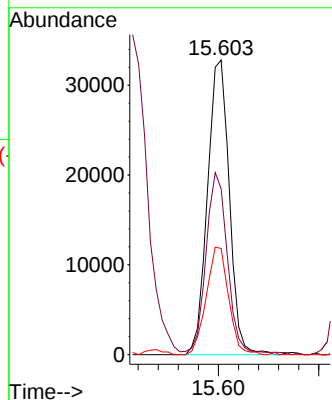
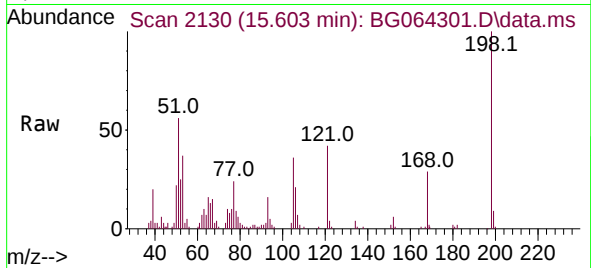




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.798 ng  
RT: 15.603 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

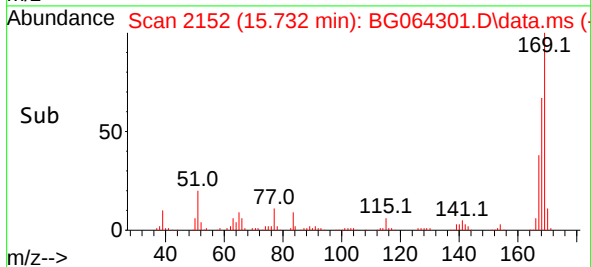
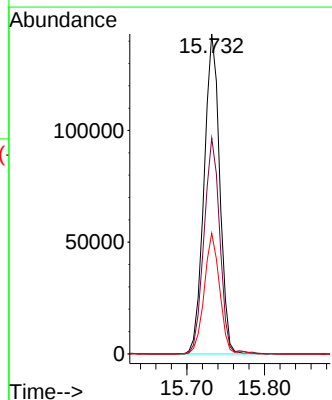
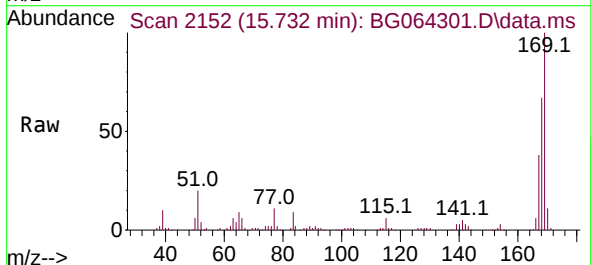
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

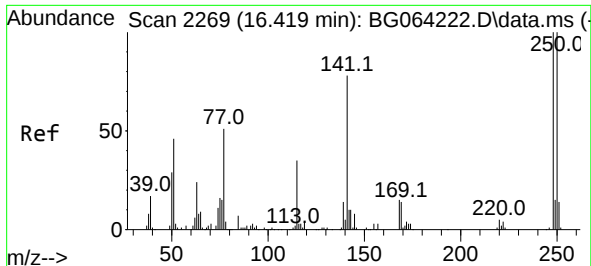
Tgt Ion:198 Resp: 49405  
Ion Ratio Lower Upper  
198 100  
51 56.3 46.2 86.2  
105 36.0 25.0 65.0



#66  
n-Nitrosodiphenylamine  
Concen: 42.109 ng  
RT: 15.732 min Scan# 2152  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:169 Resp: 200170  
Ion Ratio Lower Upper  
169 100  
168 67.5 53.8 80.8  
167 37.8 30.2 45.2

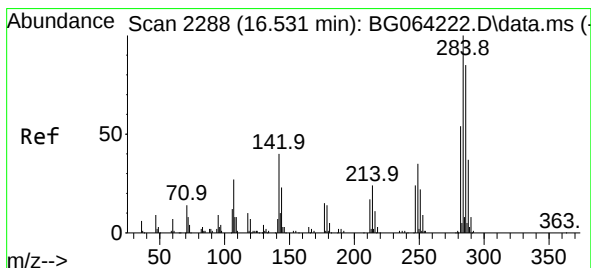
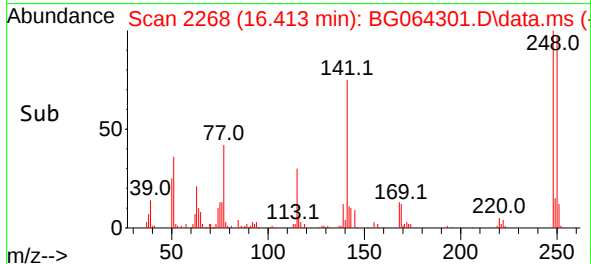
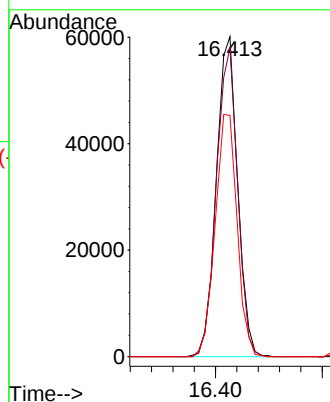
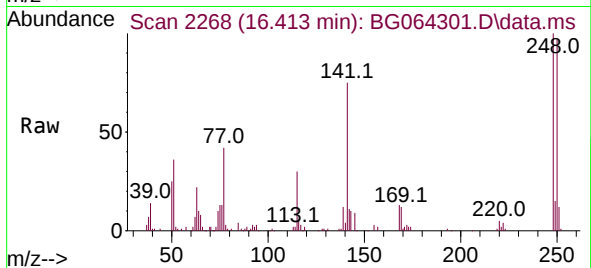




#67  
4-Bromophenyl-phenylether  
Concen: 45.334 ng  
RT: 16.413 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

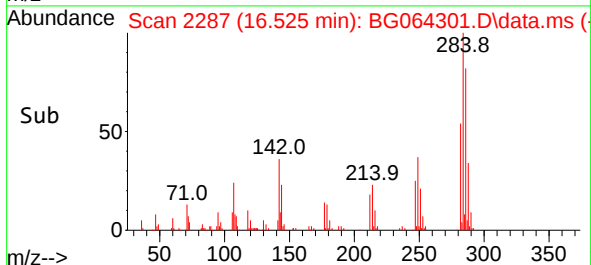
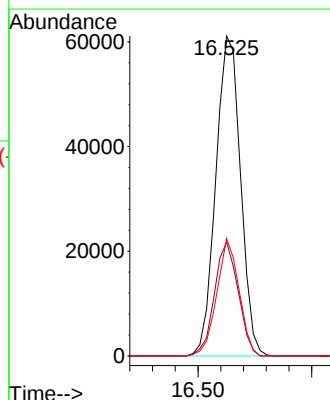
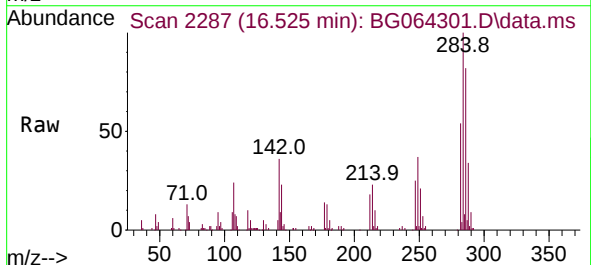
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

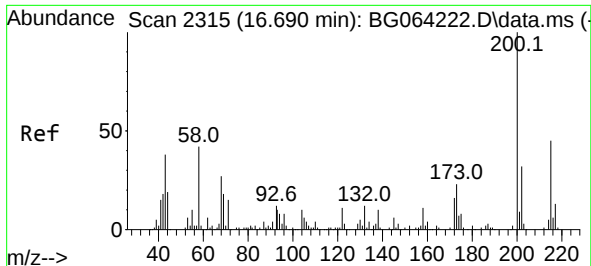
Tgt Ion:248 Resp: 83205  
Ion Ratio Lower Upper  
248 100  
250 96.5 80.2 120.4  
141 75.4 62.4 93.6



#68  
Hexachlorobenzene  
Concen: 45.240 ng  
RT: 16.525 min Scan# 2287  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:284 Resp: 92205  
Ion Ratio Lower Upper  
284 100  
142 35.6 32.1 48.1  
249 36.7 28.3 42.5

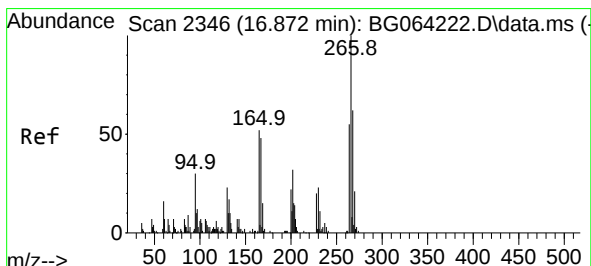
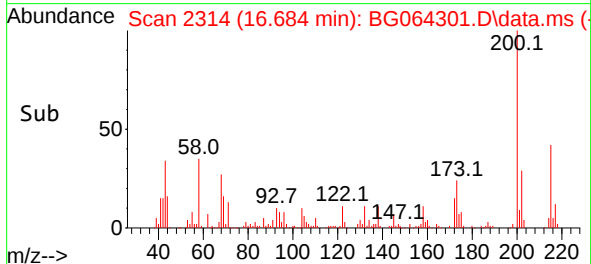
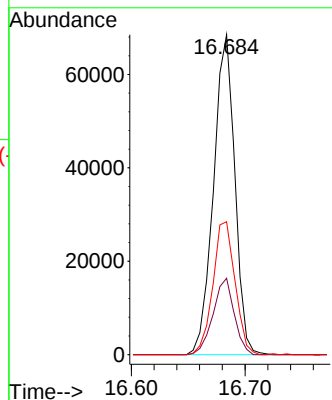
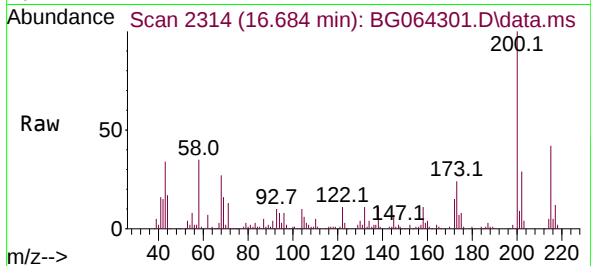




#69  
 Atrazine  
 Concen: 44.868 ng  
 RT: 16.684 min Scan# 2314  
 Delta R.T. -0.012 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

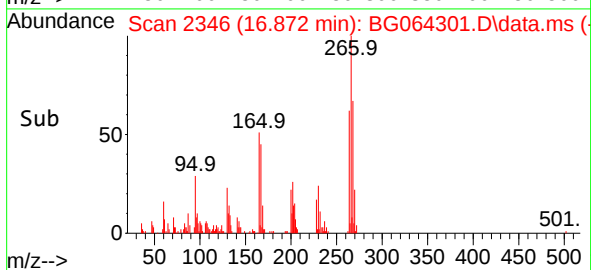
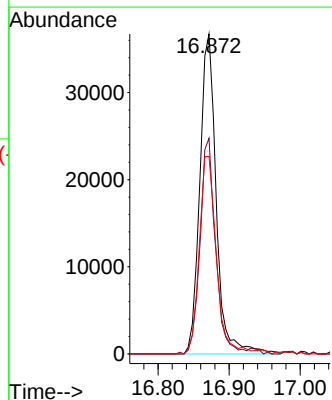
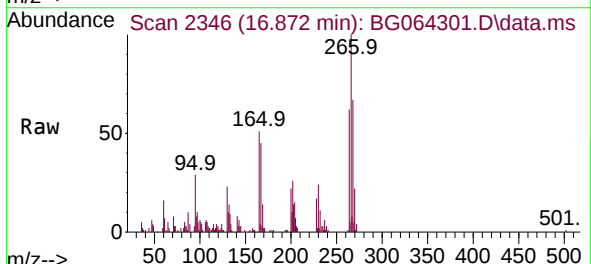
Instrument :  
 BNA\_G  
 ClientSampleId :  
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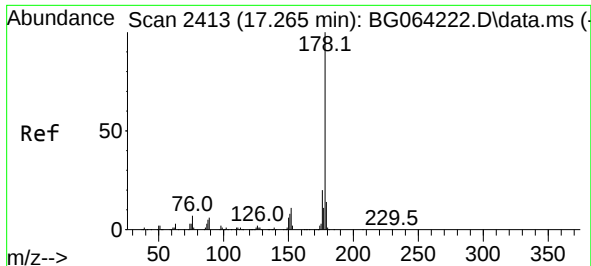
Tgt Ion:200 Resp: 89055  
 Ion Ratio Lower Upper  
 200 100  
 173 23.9 3.5 43.5  
 215 41.5 24.8 64.8



#70  
 Pentachlorophenol  
 Concen: 47.596 ng  
 RT: 16.872 min Scan# 2346  
 Delta R.T. -0.006 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

Tgt Ion:266 Resp: 58820  
 Ion Ratio Lower Upper  
 266 100  
 268 67.4 49.4 74.0  
 264 61.8 44.3 66.5

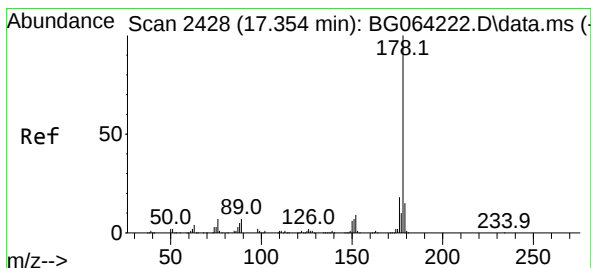
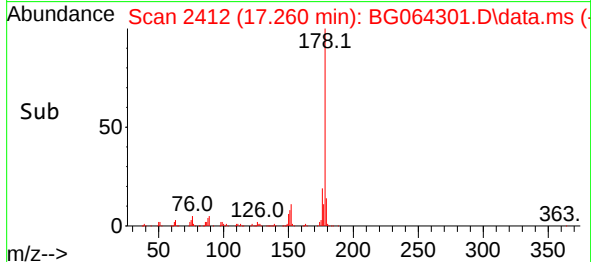
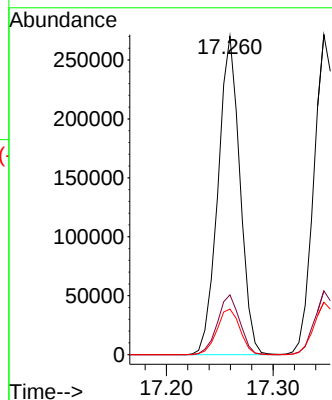
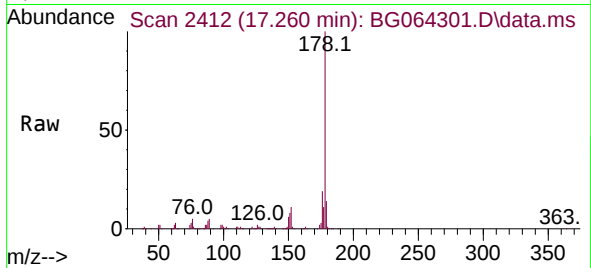




#71  
Phenanthrene  
Concen: 42.334 ng  
RT: 17.260 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

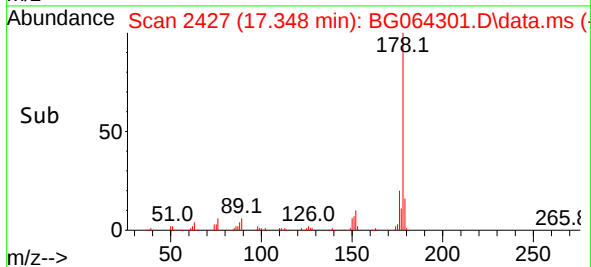
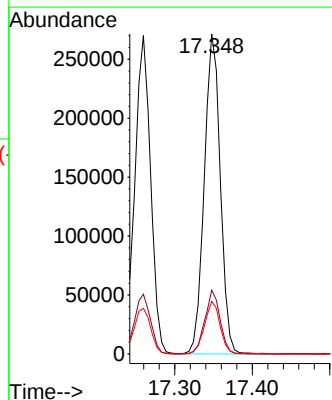
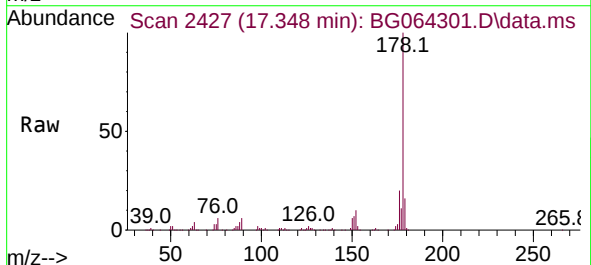
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

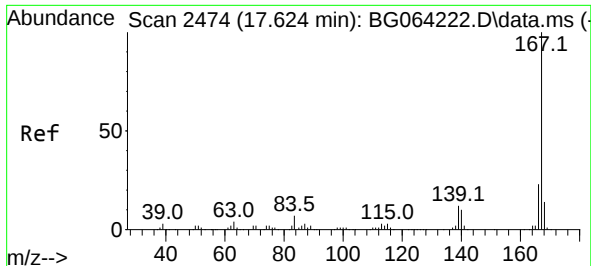
Tgt Ion:178 Resp: 385836  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.9 23.9  
179 14.3 11.4 17.2



#72  
Anthracene  
Concen: 41.962 ng  
RT: 17.348 min Scan# 2427  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:178 Resp: 389030  
Ion Ratio Lower Upper  
178 100  
176 19.9 14.7 22.1  
179 16.4 12.1 18.1

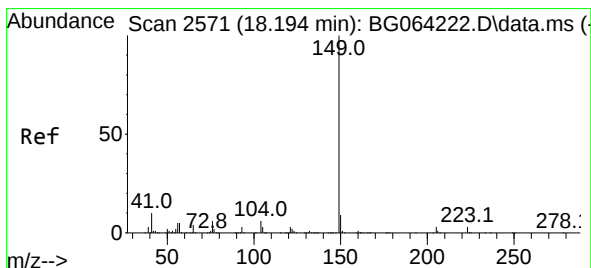
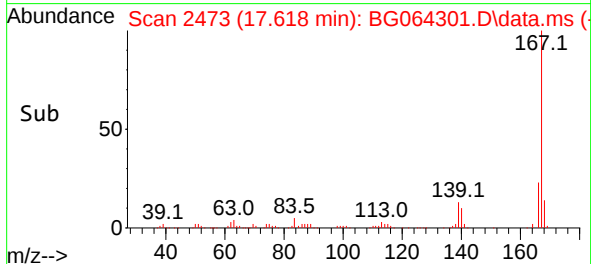
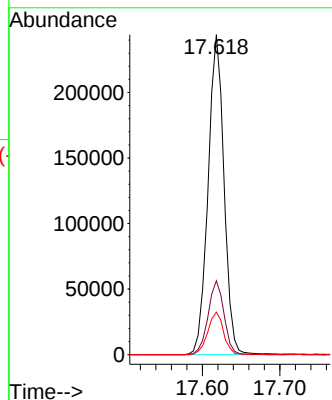
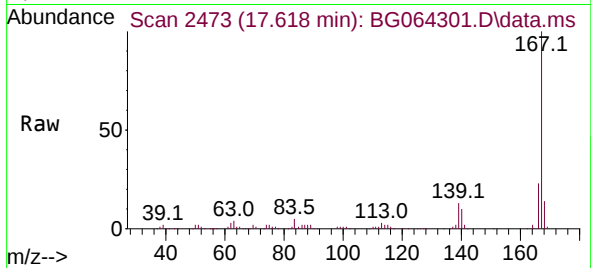




#73  
Carbazole  
Concen: 42.636 ng  
RT: 17.618 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

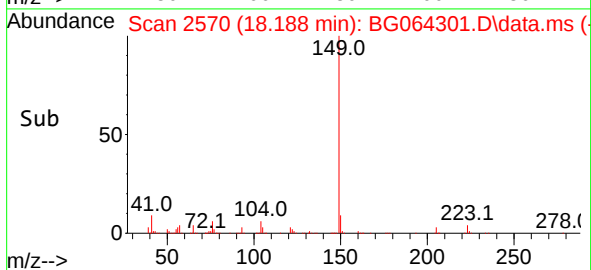
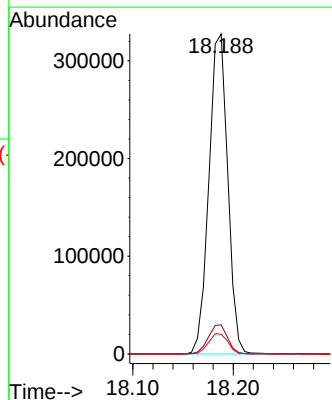
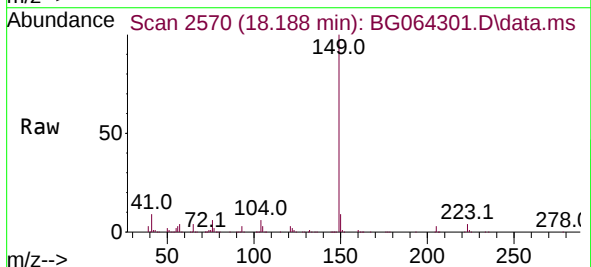
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

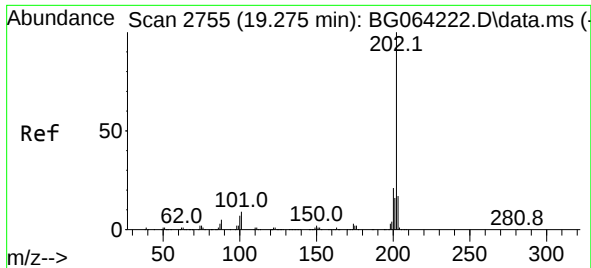
Tgt Ion:167 Resp: 348219  
Ion Ratio Lower Upper  
167 100  
166 23.1 18.2 27.2  
139 13.3 9.8 14.6



#74  
Di-n-butylphthalate  
Concen: 43.448 ng  
RT: 18.188 min Scan# 2570  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:149 Resp: 426320  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.5 11.3  
104 6.1 4.6 7.0

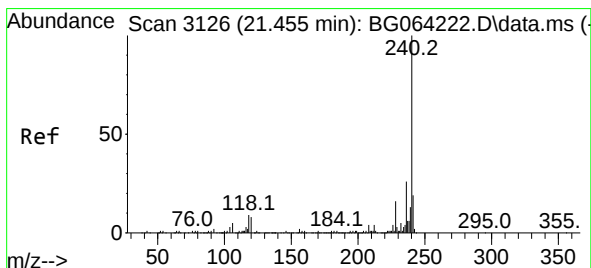
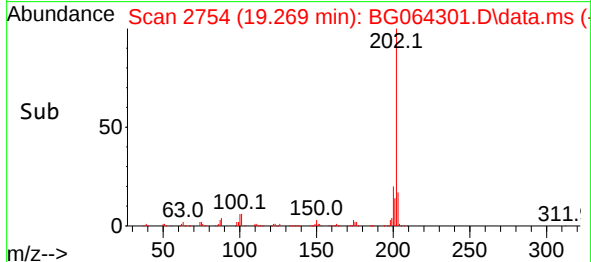
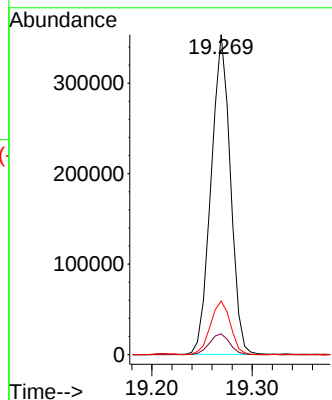
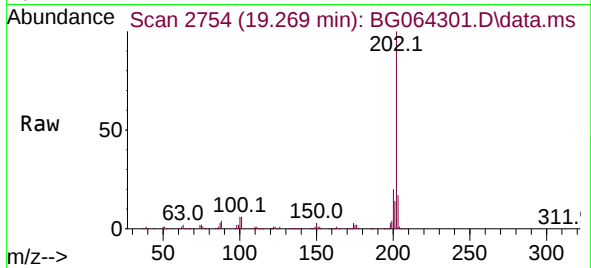




#75  
Fluoranthene  
Concen: 44.115 ng  
RT: 19.269 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

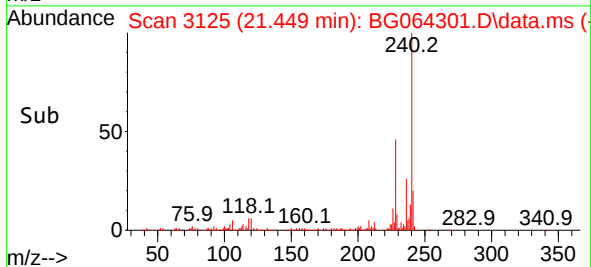
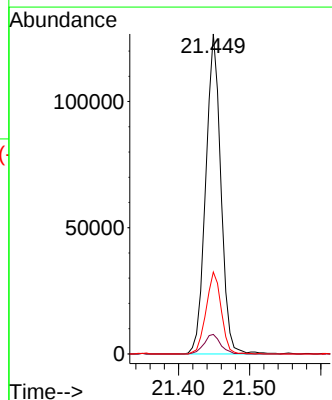
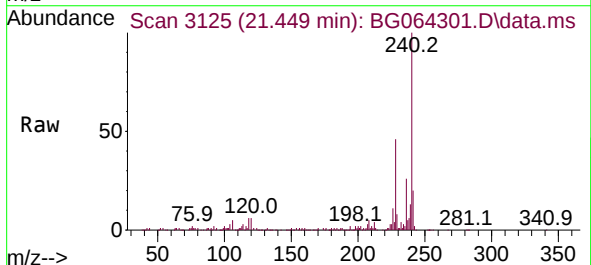
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

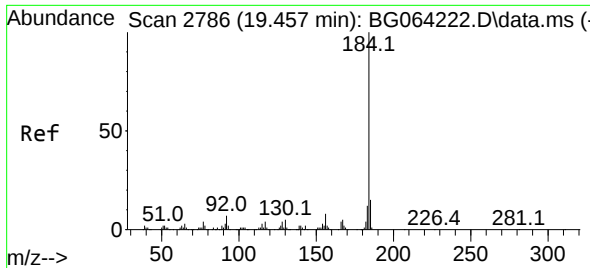
Tgt Ion:202 Resp: 472756  
Ion Ratio Lower Upper  
202 100  
101 6.5 0.0 28.7  
203 16.7 0.0 36.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:240 Resp: 186770  
Ion Ratio Lower Upper  
240 100  
120 6.1 6.2 9.4#  
236 25.6 20.5 30.7

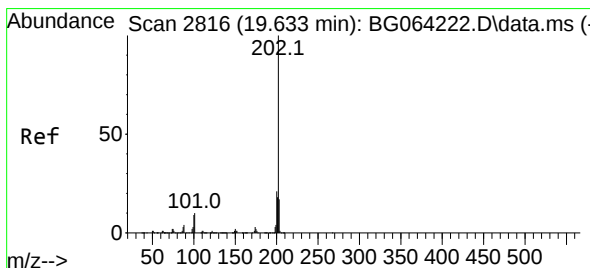
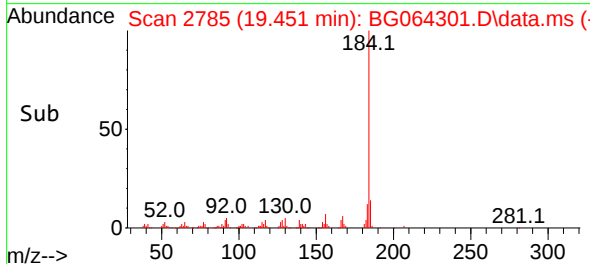
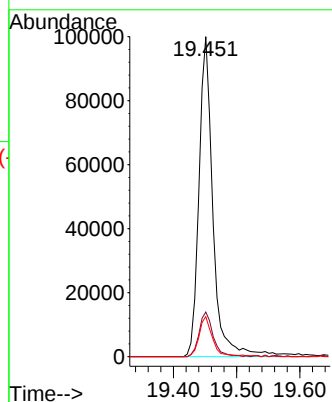
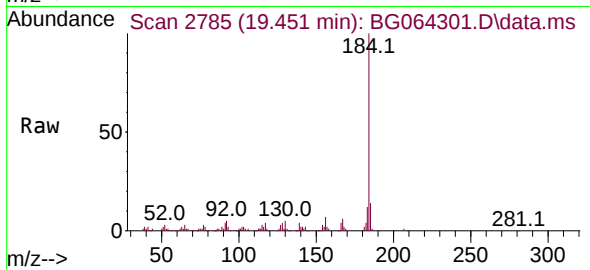




#77  
Benzidine  
Concen: 39.052 ng  
RT: 19.451 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

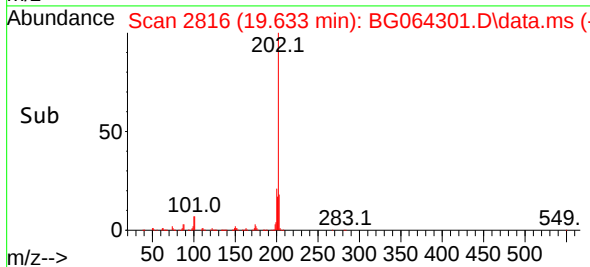
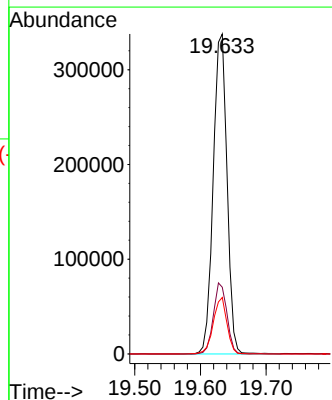
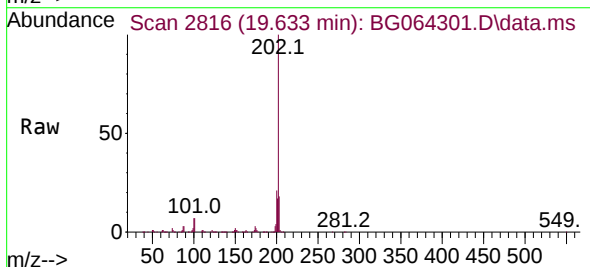
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

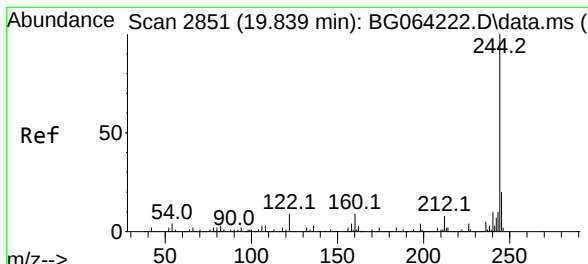
Tgt Ion:184 Resp: 153435  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.7 17.5  
183 12.5 9.7 14.5



#78  
Pyrene  
Concen: 41.922 ng  
RT: 19.633 min Scan# 2816  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:202 Resp: 493292  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.9 25.3  
203 17.6 13.8 20.8





#79  
 Terphenyl-d14  
 Concen: 86.817 ng  
 RT: 19.833 min Scan# 2850  
 Delta R.T. -0.012 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

Instrument :

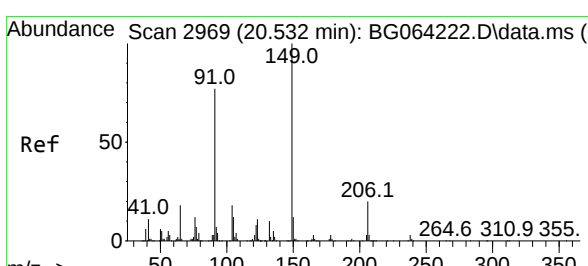
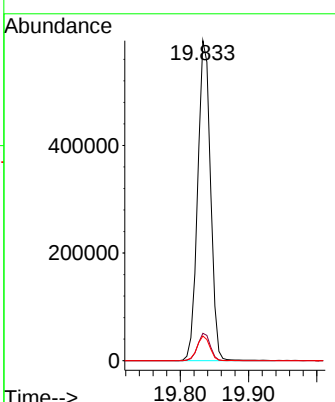
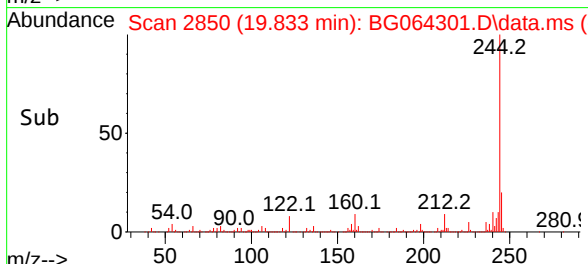
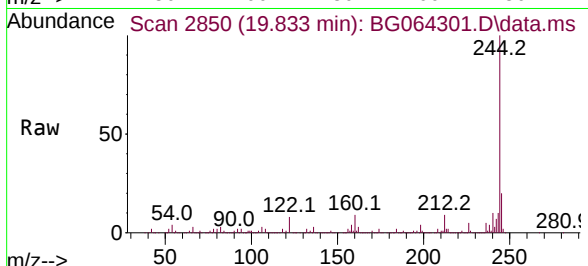
BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 777189

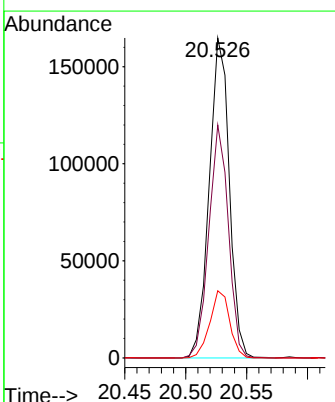
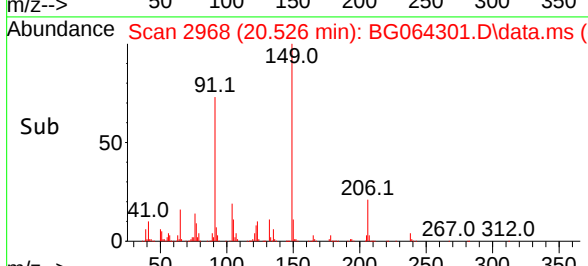
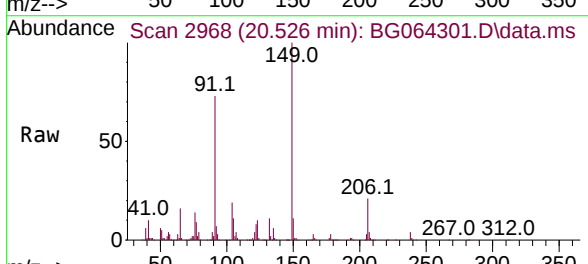
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.6   | 6.6   | 10.0  |
| 122 | 7.7   | 7.0   | 10.6  |

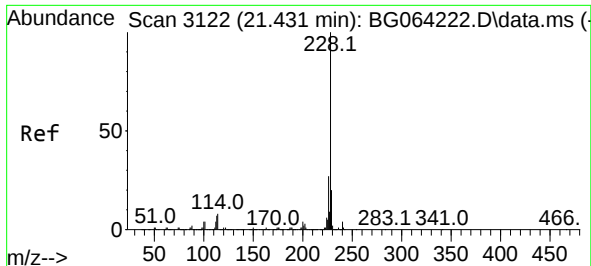


#80  
 Butylbenzylphthalate  
 Concen: 42.492 ng  
 RT: 20.526 min Scan# 2968  
 Delta R.T. -0.006 min  
 Lab File: BG064301.D  
 Acq: 8 Sep 2025 10:26

Tgt Ion:149 Resp: 188582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 72.8  | 61.4  | 92.0  |
| 206 | 21.0  | 15.8  | 23.6  |

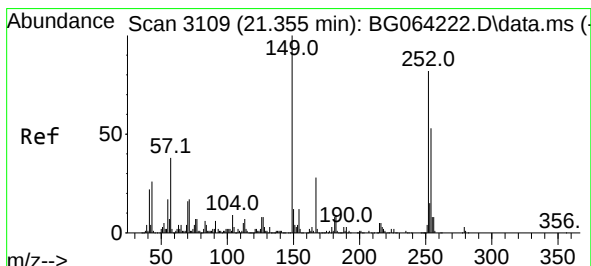
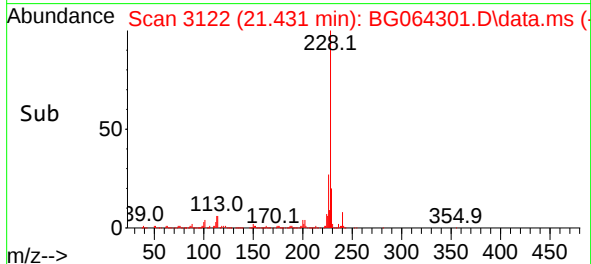
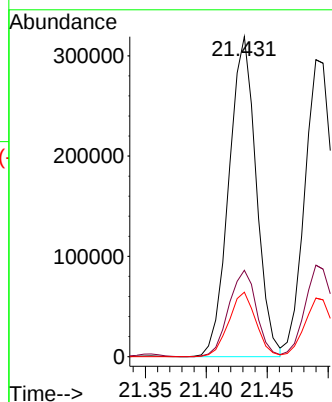
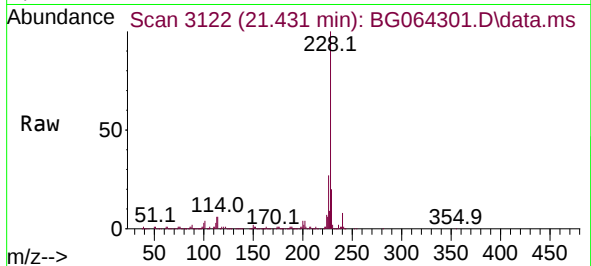




#81  
Benzo(a)anthracene  
Concen: 41.675 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

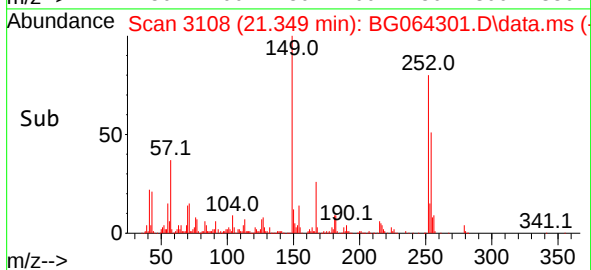
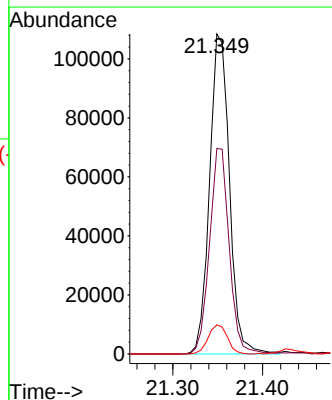
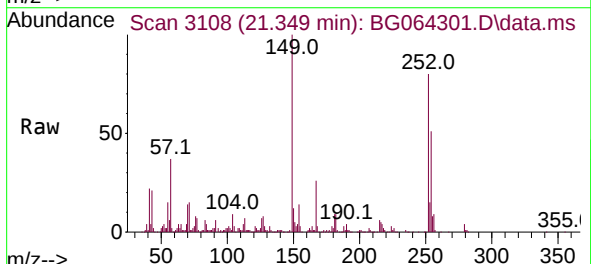
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

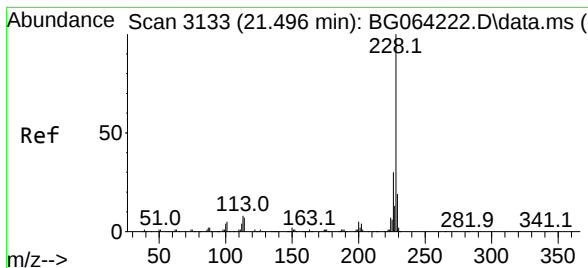
Tgt Ion:228 Resp: 497969  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.7 32.5  
229 20.1 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 42.975 ng  
RT: 21.349 min Scan# 3108  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:252 Resp: 167236  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.9 77.9  
126 9.1 7.6 11.4





#83

Chrysene

Concen: 41.501 ng

RT: 21.490 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

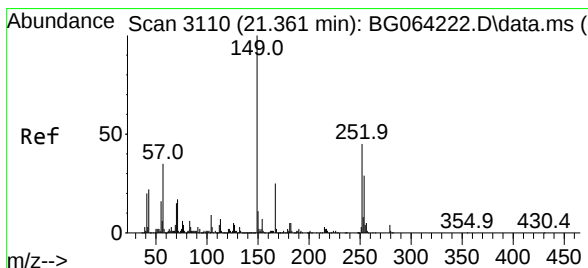
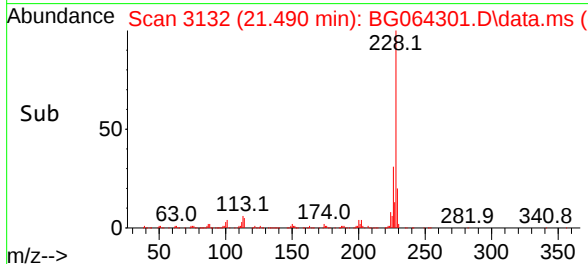
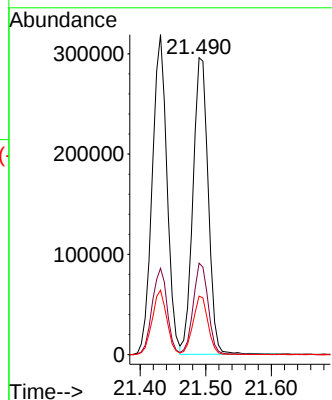
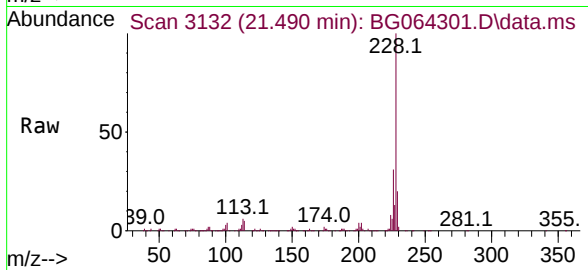
Tgt Ion:228 Resp: 476070

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.349 ng

RT: 21.355 min Scan# 3109

Delta R.T. -0.012 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

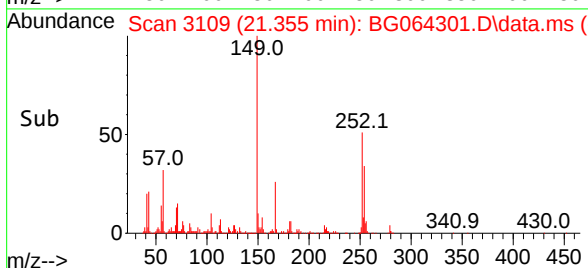
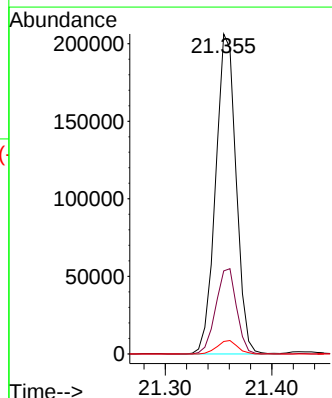
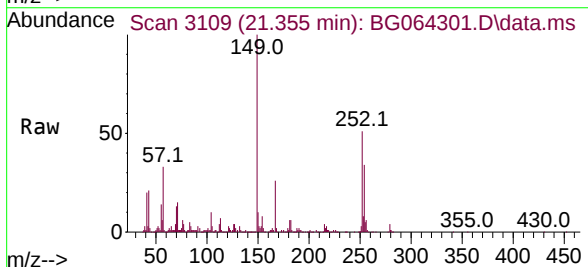
Tgt Ion:149 Resp: 275515

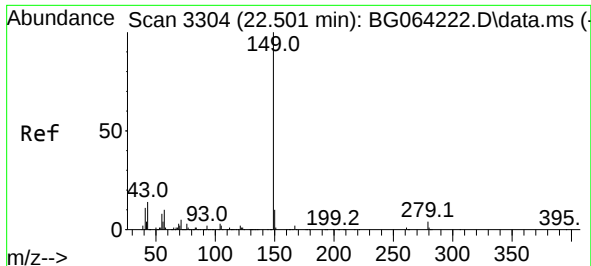
Ion Ratio Lower Upper

149 100

167 25.9 20.0 30.0

279 3.9 3.0 4.4

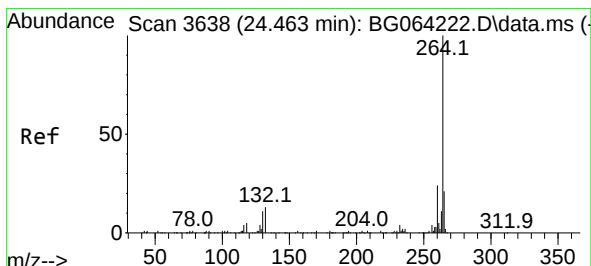
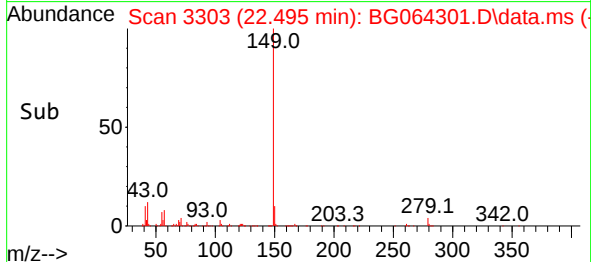
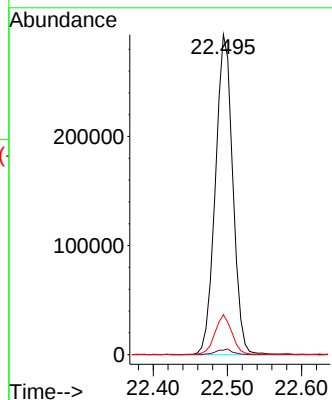
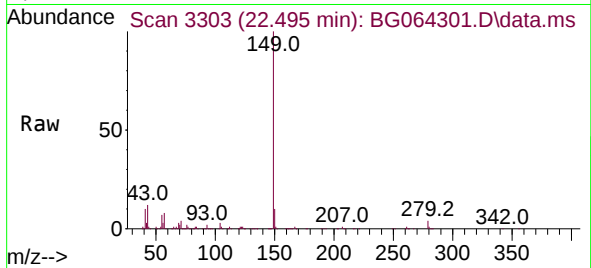




#85  
Di-n-octyl phthalate  
Concen: 41.118 ng  
RT: 22.495 min Scan# 3304  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

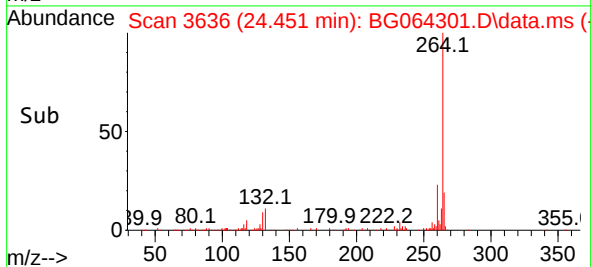
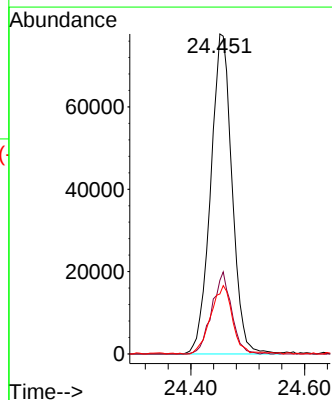
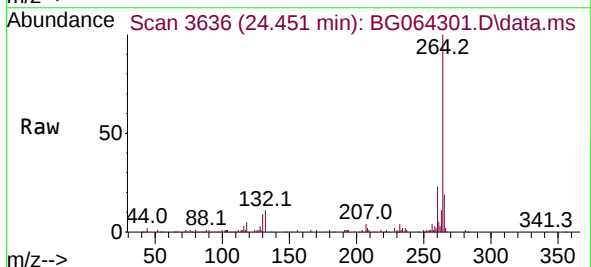
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

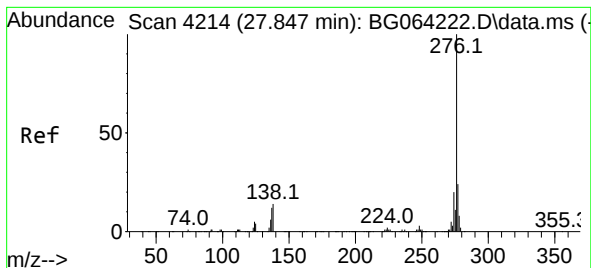
Tgt Ion:149 Resp: 477376  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.3 10.8 16.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.451 min Scan# 3636  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:264 Resp: 203030  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.9 28.3  
265 18.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.262 ng

RT: 27.841 min Scan# 41

Delta R.T. -0.030 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

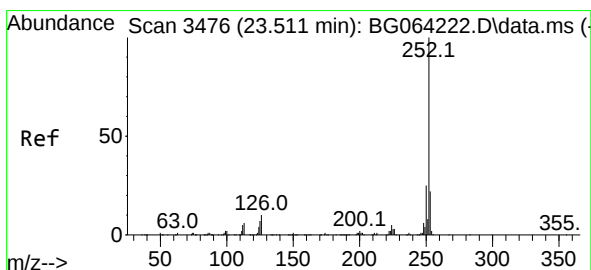
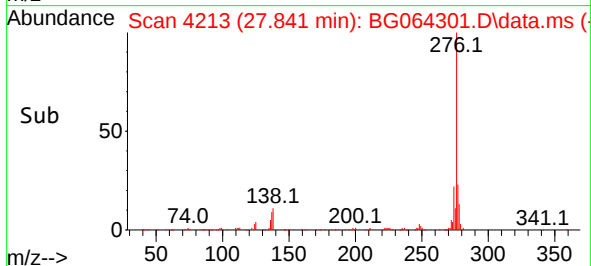
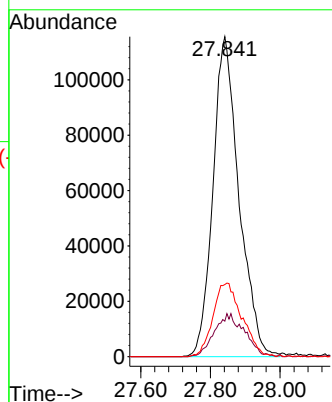
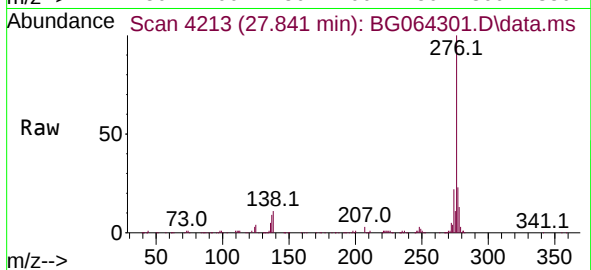
Tgt Ion:276 Resp: 599839

Ion Ratio Lower Upper

276 100

138 15.4 7.4 11.0#

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 43.951 ng

RT: 23.511 min Scan# 3476

Delta R.T. -0.006 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

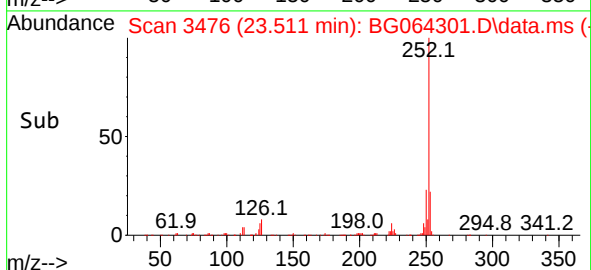
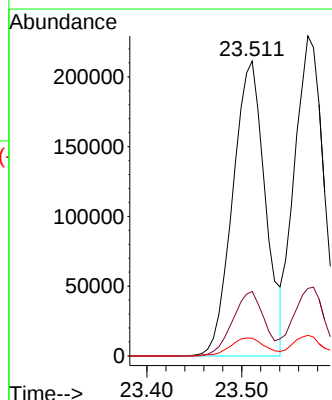
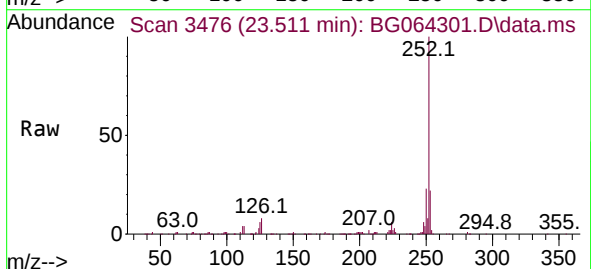
Tgt Ion:252 Resp: 503622

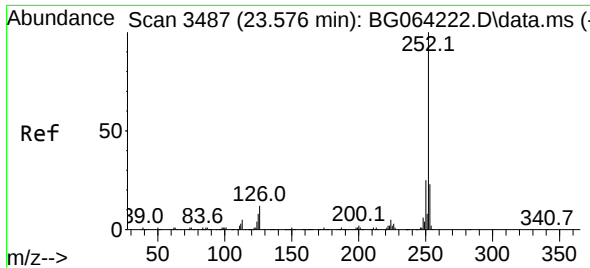
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 6.0 5.9 8.9

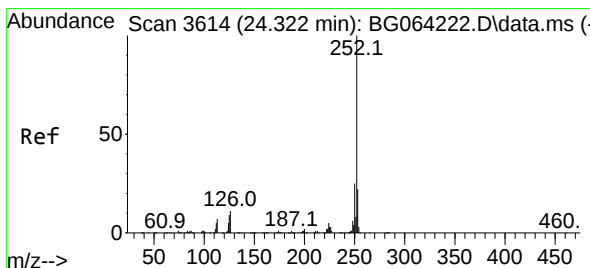
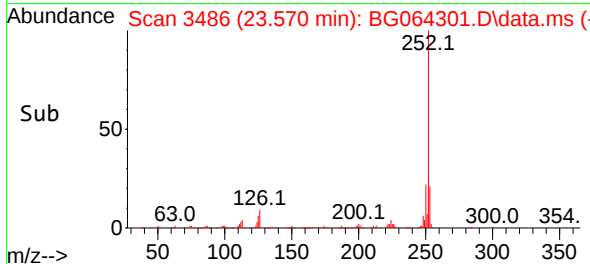
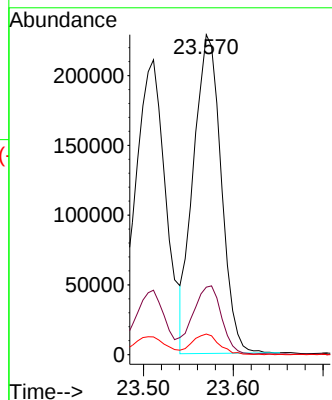
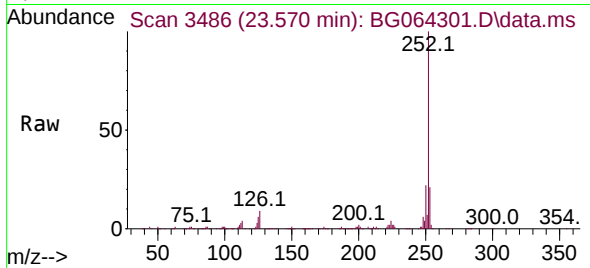




#89  
Benzo(k)fluoranthene  
Concen: 41.999 ng  
RT: 23.570 min Scan# 3487  
Delta R.T. -0.018 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

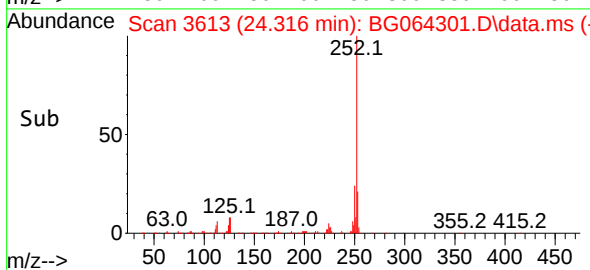
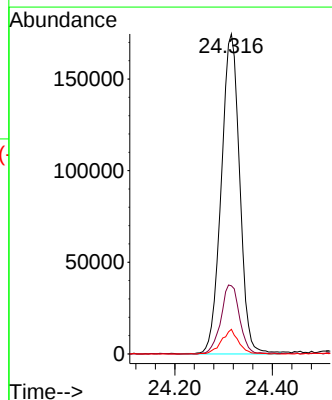
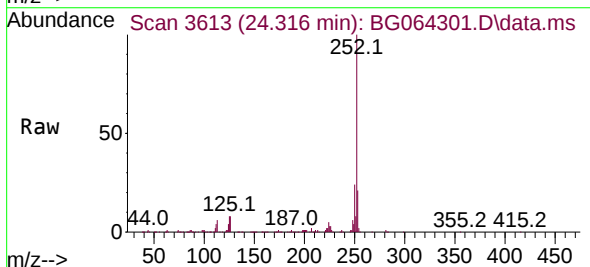
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

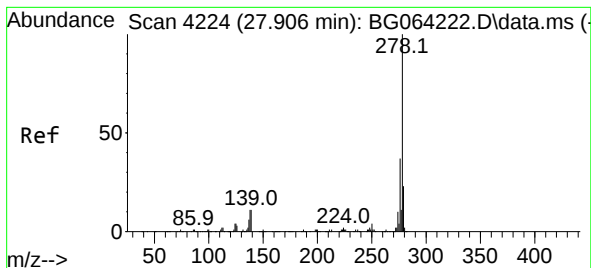
Tgt Ion:252 Resp: 490292  
Ion Ratio Lower Upper  
252 100  
253 21.1 18.2 27.4  
125 6.4 7.0 10.4#



#90  
Benzo(a)pyrene  
Concen: 42.833 ng  
RT: 24.316 min Scan# 3613  
Delta R.T. -0.012 min  
Lab File: BG064301.D  
Acq: 8 Sep 2025 10:26

Tgt Ion:252 Resp: 456567  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.4 26.2  
125 7.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 43.420 ng

RT: 27.900 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

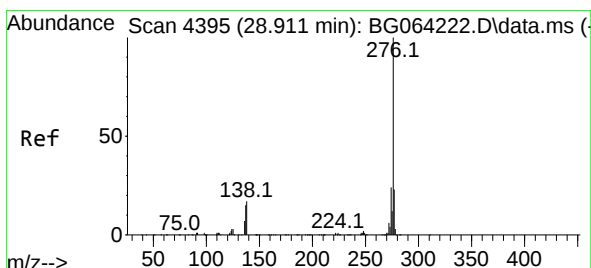
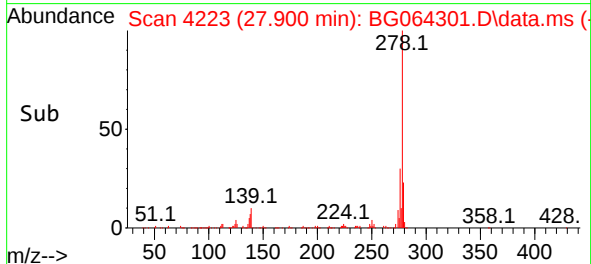
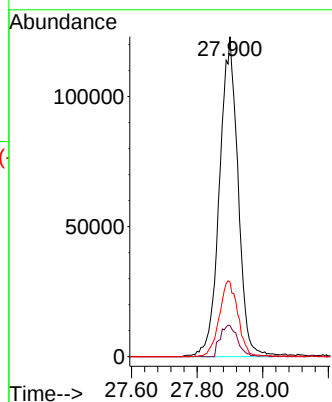
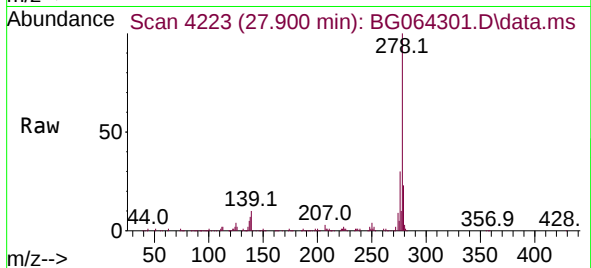
Tgt Ion:278 Resp: 483369

Ion Ratio Lower Upper

278 100

139 9.7 9.0 13.4

279 23.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 43.068 ng

RT: 28.899 min Scan# 4393

Delta R.T. -0.036 min

Lab File: BG064301.D

Acq: 8 Sep 2025 10:26

Tgt Ion:276 Resp: 466532

Ion Ratio Lower Upper

276 100

277 22.1 18.2 27.4

138 13.5 13.3 19.9

